AASP African American Studies Winter 2011

AASP100 **Introduction to African American Studies**

AASP100 Introduction to African American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course.
Significant aspects of the history of African Americans with particular emphasis on the evolution and development of black communities from slavery to the present. Interdisciplinary introduction to social, political, legal and economic roots of contemporary problems faced by blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.

0101	Jason Nichols	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	LEF 1201

AASP202 **Black Culture in the United States**

AASP202 Black Culture in the United States; (3 credits) Grade Method: REG. CORE Social or Political History (SH) Course. CORE Diversity (D) Course.
The course examines important aspects of African American life and thought which are reflected in African American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the 19th-century to the present. This course will be taught on-line.

WB11	Robert Choflet	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AASP398A **Selected Topics in the African Diaspora; Lesotho and Post Apartheid South Africa**
Contact department for information to register for this course.

AASP398E **Selected Topics in the African Diaspora; Egypt: A Literary Journey**
Contact department for information to register for this course.

AASP398P **Selected Topics in the African Diaspora; South Africa: International Human Rights - Apartheid and HIV/AIDS**
Contact department for information to register for this course.

AASP498I **Special Topics in Black Culture; Women and the Civil Rights Movement**

AASP498I Special Topics in Black Culture: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
This course is taught entirely online. Please make sure your email address is listed correctly in Testudo. You may contact the instructor with questions at barkleyb@umd.edu.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

AASP499D **Advanced Topics in Public Policy and the Black Community; Drawing the Colorline: Chocolate City and the Media**

AASP499D Advanced Topics in Public Policy and the Black Community: Drawing the Colorline: Chocolate City and the Media; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jonathan England	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

AMST American Studies Winter 2011

AMST203 **Popular Culture in America**

Click here for descriptions of all AMST winter courses.
AMST203 Popular Culture in America; (3 credits) Grade Method: REG/P-F/AUD.
CORE Humanities (HO) Course.
An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society. An introduction to American popular culture, its historical development, and its role as a reflection of and influence onour culture and society. We will also examine historical and contemporary celebrity culture from various critical theoretical perspectives.

WB11	Gabriel Peoples	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST205 **Material Aspects of American Life**

AMST205 Material Aspects of American Life; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Historical survey of American material culture. Ways of describing and interpreting accumulated material evidence (e.g., buildings, town plans) introduced by stressing relationship between artifact and culture.

WB11	Portia Barker	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST298P **Youth Culture and Popular Music in the US**

AMST298P Youth Culture and Popular Music in the US; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.

WB11	Shayna Maskell	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST298T **Selected Topics in American Studies; Hip Hop Culture in the U.S.**

AMST298T Selected Topics in American Studies: Hip Hop Culture in the U.S.; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Melissa Reddy	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST328M **Perspectives on Identity and Culture; Science Fiction and Fantasy**

AMST328M Perspectives on Identity and Culture: Science Fiction and Fantasy; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Maria Velazquez	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

AMST429K **Perspectives on Popular Culture; The Detective in Culture, Novels, and Film**

AMST429K Perspectives on Popular Culture: The Detective in Culture, Novels, and Film; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Greg Metcalf	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

ANSC Animal Science Winter 2011

ANSC386 **Experiential Learning**

ANSC386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.
Prerequisite: Permission of department. Junior standing.

0101	Amy Burk	Seats (Total: 10)
	Contact instructor or department for details.	

ANSC399 **Special Problems in Animal Science**

ANSC399 Special Problems in Animal Science; (1-2 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANSC497 **Animal Biotechnology Recombinant DNA Laboratory**

ANSC497 *(PermReq)* **Animal Biotechnology Recombinant DNA Laboratory; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ANSC327 or equivalent. Recommended: ANSC435 and ANSC437. An advanced course offering hands-on experience in performing recombinant DNA experiments. Current molecular biology techniques used for cloning genes, analyzing the gene products, and modifying the genes of animals will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory.

0101	Lisa Taneyhill	Seats (Total: 10)
	MTuWThF 9:00am - 5:00pm	ANS 1150

ANSC688G **Special Topics; Animal Biotechnology Recombinant DNA Laboratory**

ANSC688G *(PermReq)* **Special Topics: Animal Biotechnology Recombinant DNA Laboratory; (3 credits)** Grade Method: REG/AUD.

0101	Lisa Taneyhill MTuWThF 9:00am - 5:00pm	Seats (Total: 10) ANS 1150	

ANSC899 **Doctoral Dissertation Research**

ANSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH Anthropology Winter 2011

ANTH220 **Introduction to Biological Anthropology**

ANTH220 Introduction to Biological Anthropology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. CORE Diversity (D) Course. Human biological evolution, including the biology of contemporary human groups, non-human primate social behavior, and the fossil, biochemical, and molecular evidence for human evolution. Includes a laboratory study of human population genetics, biochemical variation, and anatomical diversity in modern and fossil human and non-human primate groups.

0101	Teresa Leslie Class time/details on ELMs TuTh 10:00am - 3:00pm	Seats (Total: 22) ONLINE WDS 0124C	 Lab
0102	Teresa Leslie Class time/details on ELMs TuTh 4:00pm - 9:00pm	Seats (Total: 22) ONLINE WDS 0124C	 Lab

ANTH260 **Introduction to Sociocultural Anthropology and Linguistics**

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
Culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior. Particular attention to the relationship between language and culture.

WB11	Michael Buonanno	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH298E **Anthropological Approaches to Sustainable Development**

ANTH298E Anthropological Approaches to Sustainable Development; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.

WB11	Melissa Stevens	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH298K **Sexuality and Culture**

ANTH298K Sexuality and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.

WB11	Michael Buonanno	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH429D **Advanced Special Topics in Biological Anthropology; Exploring Your Family History, Anthropologically**

ANTH429D Advanced Special Topics in Biological Anthropology: Exploring Your Family History, Anthropologically; (3 credits) Grade Method: REG/P-F/AUD.

01Z1	Marilyn London, Susan Steen	Seats (Total: 25)
	MTuWTh 6:00pm - 9:15pm	SG3 2203

ANTH448O **Special Topics in Archaeology; Italy: Economic History, Development, and Policy**
Contact department for information to register for this course.

ANTH469C **Advanced Special Topics in Cultural Anthropology; Language and Culture**

ANTH469C Advanced Special Topics in Cultural Anthropology: Language and Culture; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as Anth689C Click here for more information.

WB11	Jacqueline Messing	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH493 **Anthropological Fieldwork and Experience in Argentina: The Relevance of Context and Place**
Contact department for information to register for this course.

ANTH498K **Advanced Field Training in Ethnography; Transformation of Korean Society: Gender, Culture and Political Economy**
Contact department for information to register for this course.

ANTH689A **Special Problems in Anthropology**

ANTH689A Special Problems in Anthropology; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH689C **Special Problems in Anthropology; Language and Culture**

ANTH689C Special Problems in Anthropology: Language and Culture; (3 credits) Grade Method: REG/S-F.
Also offered as ANTH469C Click here for more information.

WB11	Jacqueline Messing	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

ANTH693 **Advance Studies in Anthropological Fieldwork and Experiences in Argentina: The Relevance of Context and Place**
Contact department for information to register for this course.

ANTH788 **Internship Research**

ANTH788 *(PermReq)* **Internship Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH Architecture Winter 2011

ARCH428E **Selected Topics in Architectural History; Egypt: History of Egyptian Architecture**
Contact department for information to register for this course.

ARCH428M **Selected Topics in Architectural History; History of Pre-Columbian Architecture; Inca Architecture of Peru**
Contact department for information to register for this course.

ARCH478C **Selected Topics in Architecture; Preservation and Historic Resources in Stabia**
Contact department for information to register for this course.

ARCH478D **Selected Topics in Architecture; Dubai by Design**
Contact department for information to register for this course.

ARCH478M **Selected Topics in Architecture; Architectural/Urban Intervention**
Contact department for information to register for this course.

ARCH478X **Selected Topics in Architecture; Dubai by Design**

ARCH478X Selected Topics in Architecture: Dubai by Design; (3 credits) Grade Method: REG/P-F/AUD.

WAUA	Isaac Williams	Seats (Total: 0)
	Meets January 4, 2010 - January 22, 2010	
	Contact instructor or department for details.	

ARCH628E **Selected Topics in Architectural History; Egypt: History of Egyptian Architecture**
Contact department for information to register for this course.

ARCH628M **Selected Topics in Architectural History; History of Pre-Columbian Architecture; Inca Architecture of Peru**
Contact department for information to register for this course.

ARCH678C **Selected Topics in Architecture; Preservation and Historic Resources in Stabia**
Contact department for information to register for this course.

ARCH678D **Selected Topics in Architecture; Dubai by Design**
Contact department for information to register for this course.

ARCH678I **Selected Topics in Architecture; Building Information Modeling Professional Practice: Visual Communication and Collaboration**

ARCH678I Selected Topics in Architecture: Building Information Modeling Professional Practice: Visual Communication and Collaboration; (3 credits) Grade Method: REG/AUD.

This course explores a possible path for engaging contemporary issues of Building Information aging Modeling in contemporary digital professional practice. This course will develop the skills and ideas that contemporary architectural practitioners must employ to prepare for this new digital practice that is based on a modeled construction of architectural assemblages that transcends previous definitions of convention in design and construction representation. Saturday session to be held Ayers Saint Gross, 1040 Hull Street, Suite 100 Baltimore, MD 21230.

0101	Kristen Ambrose	Seats (Total: 15)
	MTuWTh 7:00pm - 9:30pm Sa 9:00am - 3:00pm	ARC 0111 Location: TBA

ARCH678M **Selected Topics in Architecture; Architectural/Urban Intervention**
Contact department for information to register for this course.

ARCH678T **Selected Topics in Architecture; Thai Journal**
Contact department for information to register for this course.

ARCH678X **Selected Topics in Architecture; Dubai by Design**
Contact department for information to register for this course.

ARTH Art History & Archaeology Winter 2011

ARTH389A **Special Topics in Art History and Archaeology; The Art of Drawing: A Left and Right Brain Experience**

ARTH389A Special Topics in Art History and Archaeology: The Art of Drawing: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD.

0101	Beryl Bland	Seats (Total: 10)
	MTuWThF 12:00pm - 3:00pm	ASY 3219

ARTH389Y **Special Topics in Art History and Archaeology; Baroque Rome: Art, Architecture and Urban Splendor in the Eternal City**
Contact department for information to register for this course.

ARTH489A **Special Topics in Art History; Ingmar Bergman and the European Art Film**

ARTH489A Special Topics in Art History: Ingmar Bergman and the European Art Film; (3 credits) Grade Method: REG/P-F/AUD.

0101	Greg Metcalf	Seats (Total: 30)
	MTuWTh 6:00pm - 9:30pm	SQH 1120

ARTT Art Studio Winter 2011

ARTT100 **Two-Dimensional Design Fundamentals**

ARTT100 Two-Dimensional Design Fundamentals; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: ARTT100, ARTS100, DESN101, or APDS101. Formerly ARTS100. Principles and elements of two-dimensional design. Introduction to visual communication. Students must pay a $40.00 studio lab fee.

0101	Leslie Berns	Seats (Total: 20)
	MTuWThF 9:00am - 2:00pm	ASY 2314

ARTT110 **Elements of Drawing I**

ARTT110 Elements of Drawing I; (3 credits) Grade Method: REG/P-F/AUD.
Formerly ARTS110. Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects. Students must pay a $40.00 studio lab fee.

0101	Timothy Horjus	Seats (Total: 18)
	MTuWThF 9:00am - 2:00pm	ASY 2317

ARTT150 **Introduction to Art Theory**

ARTT150 Introduction to Art Theory; (3 credits) Grade Method: REG/P-F/AUD.
CORE History or Theory of Arts (HA) Course.
Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art. Field trips listed in syllabus.

0101	Richard Klank	Seats (Total: 15)
	MTuWThF 9:00am - 12:00pm	ASY 2309

ARTT210 **Elements of Drawing II**

ARTT210 Elements of Drawing II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ARTT110. Formerly ARTS210.* Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues. Students must pay a $40.00 studio lab fee.

0101	Timothy Horjus	Seats (Total: 10)	
	MTuWThF 9:00am - 2:00pm	ASY 2317	

ARTT343 **Elements of Printmaking: Screen Printing**

ARTT343 Elements of Printmaking: Screen Printing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department. Formerly ARTS343. Concepts and fundamental processes related to silkscreen printing. Students must pay a $40.00 studio lab fee.

0101	Alexander Peace	Seats (Total: 12)	
	MTuWThF 9:00am - 2:00pm	ASY 1317	Lab

ARTT353 **Elements of Photography**

ARTT353 Elements of Photography; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department.* Introduction to black-and-white photography. Basic technical and aesthetic vocabulary, camera mechanics and darkroom techniques. Introduction to the photographic message and meaning in both fine art and design concept. Students must pay a $40.00 studio lab fee.

0101	Sora Devore	Seats (Total: 10)	
	MTuWTh 9:00am - 2:00pm	MMH 0401	Lab

ARTT354 **Elements of Computer Graphics**

ARTT354 Elements of Computer Graphics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT150, ARTT200, and ARTT210; or permission of department.
Introduction to computer graphics, imaging, illustration and mixed media. Students must pay a $40.00 studio lab fee.

0101	Narendra Ratnapala	Seats (Total: 9)	
	MTuWThF 9:00am - 2:00pm	ASY 3311E	

ARTT418 **Advanced Drawing Studio; Advanced Drawing**

ARTT418 Advanced Drawing Studio: Advanced Drawing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT210. Students must pay a $40.00 studio lab fee.

0101	Timothy Horjus	Seats (Total: 10)	
	MTuWThF 9:00am - 2:00pm	ASY 2321	

ARTT448E **Advanced Printmaking Studio**

ARTT448E Advanced Printmaking Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 studio lab fee.

0101	Alexander Peace	Seats (Total: 4)	
	MTuWThF 9:00am - 2:00pm	ASY 1317	Lab

ARTT449 **Advanced Photography Studio**

ARTT449 Advanced Photography Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 studio lab fee.

0101	Sora Devore	Seats (Total: 5)	
	MTuWThFSu 9:00am - 2:00pm	MMH 0401	Lab

ARTT468B **Seminar on the Interrelationship Between Art and Art Theory; Advanced Issues in Art Theory**

ARTT468B Seminar on the Interrelationship between Art and Art Theory: Advanced Issues in Art Theory; (3 credits) Grade Method: REG/P-F/AUD.

0101	Richard Klank	Seats (Total: 5)
	MTuWThF 9:00am - 12:00pm	ASY 2309

ARTT489I **Advanced Special Topics in Art; Computer Imaging**

ARTT489I Advanced Special Topics in Art: Computer Imaging; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ARTT100, ARTT110, and ARTT354. Students must pay a $40.00 studio lab fee.

0101	Narendra Ratnapala	Seats (Total: 3)
	MTuWThF 9:00am - 2:00pm	ASY 3311E

ARTT489N **Advanced Special Topics in Art; The Design of Illustration**

ARTT489N Advanced Special Topics in Art: The Design of Illustration; (3 credits) Grade Method: REG/P-F.
Students must pay a $40.00 studio lab fee.

0101	James Thorpe	Seats (Total: 20)
	MTuWThF 9:00am - 2:00pm	ASY 2318

ARTT489V **Advanced Special Topics in Art; Body Ornamentation: Theory with Studio Component**

ARTT489V Advanced Special Topics in Art: Body Ornamentation: Theory with Studio Component; (3 credits) Grade Method: REG/P-F/AUD.

0101	Richard Klank	Seats (Total: 20)
	MTuWThF 12:30pm - 3:00pm	ASY 2309

ARTT498 **Directed Studies in Studio Art**

ARTT498 Directed Studies in Studio Art; (3 credits) Grade Method: REG/P-F/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTT498A **Directed Studies in Studio Art**

ARTT498A *(PermReq)* **Directed Studies in Studio Art; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTT498B **Directed Studies in Studio Art**

ARTT498B *(PermReq)* **Directed Studies in Studio Art; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTT648 **Printmaking**

ARTT648 Printmaking; (3 credits) Grade Method: REG/AUD.

0101	Alexander Peace	Seats (Total: 10)	
	MTuWThF 9:00am - 2:00pm	ASY 1317	Lab

BCHM Biochemistry Winter 2011

BCHM677 **Computational Tools in Biochemistry**

BCHM677 Computational Tools in Biochemistry; (1 credit) Grade Method: S-F. *For students in the Biochemistry Graduate Program. Other graduate students may register with permission of the instructor. This course is intended for first year BCHM graduate students.. Prerequisite: BCHM671 or BCHM674; or permission of instructor.* A practical, hands-on introduction to the application of computational tools that support biochemistry research. Selected topics may include: efficient use of scientific literature databases and the preparation of professional bibliographies; proteomics and mass spectrometry; bioinformatics and genomics programs an database resources; molecular structure visualization and modeling; quatitative data fitting and error analysis; and laboratory research ethics.

0101	Douglas Julin, Jason Kahn	Seats (Total: 20)	
	MW 9:00am - 11:00am	CHM 1224	

BIOE Bioengineering Winter 2011

BIOE460 **Biotechnology and Bioproduction**

BIOE460 Biotechnology and Bioproduction; (3 credits) Grade Method: REG/P-F/AUD.
Restricted to Juniors and Seniors only. Also offered as ENES489Q. Credit will be granted for only one of the following: BIOE460 BIOE468B, or ENES489Q. Formerly BIOE468B. Basics of recombinant DNA technology and biopharmaceutical manufacturing.

0101	Ben Woodard	Seats (Total: 20)	
	MTuWThF 1:00pm - 2:50pm	CHE 2118	
	MTuWThF 3:00pm - 4:00pm	CHE 1203	Lab

BIOM Biometrics Winter 2011

BIOM301 **Introduction to Biometrics**

BIOM301 Introduction to Biometrics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH113 or MATH115. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Descriptive statistics, introduction to probability, sampling, confidence interval estimation, hypothesis testing, simple regression and correlation. Emphasis on simple applications of statistical techniques and interpretation of statistical results.

0101	Christine Hakenkamp	Seats (Total: 28)	
	MTuWThF 11:00am - 1:00pm	ANS 0408	
	MTuWThF 1:00pm - 2:00pm	ANS 0473	Discussion
0102	Christine Hakenkamp	Seats (Total: 28)	
	MTuWThF 11:00am - 1:00pm	ANS 0408	
	MTuWThF 10:00am - 11:00am	ANS 0473	Discussion
0103	Christine Hakenkamp	Seats (Total: 20)	
	MTuWThF 11:00am - 1:00pm	ANS 0408	
	MTuWThF 1:00pm - 2:00pm	ANS 0408	Discussion
	Students must have their own laptops.		

BMGT Business and Management Winter 2011

BMGT220 **Principles of Accounting I**

BMGT220 Principles of Accounting I; (3 credits) Grade Method: REG.
Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.

0101	Gary Bulmash	Seats (Total: 40)
	TuWThF 1:30pm - 4:40pm	VMH 1333

BMGT221 **Principles of Accounting II**

BMGT221 Principles of Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT220. Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.

0101	Gregory Pfeiffer	Seats (Total: 40)
	TuWThF 10:00am - 1:10pm	VMH 1335

BMGT230 **Business Statistics**

BMGT230 Business Statistics; (3 credits) Grade Method: REG.
Prerequisite: MATH113 or MATH115 or placement in MATH220 or higher. Not open to students who have completed BMGT231, ENEE324, or STAT400. Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression and decision theory and the application of these concepts to problem solving in business and the application of these concepts to problem solving in business and management. This course does not meet requirements for management science and statistics majors.

0101	Francis Alt	Seats (Total: 31)
	MTuWThF 9:30am - 1:00pm	VMH 1336
	This section will meet four days per week: January 3-6 (Monday-Thursday January 10-13 (Monday- Thursday), January 18-21 (Tuesday- Friday). Please note that class will not meet on January 7, 14, or 17.	

BMGT364 **Management and Organization Theory**

BMGT364 Management and Organization Theory; (3 credits) Grade Method: REG. The development of management and organization theory, nature of the management process and function and its future development. The role of the manager as an organizer and director, the communication process, goals and responsibilities.

0101	Jennifer Armstrong	Seats (Total: 40)
	TuWThF 10:00am - 1:10pm	VMH 1303

BMGT380 **Business Law I**

BMGT380 Business Law I; (3 credits) Grade Method: REG.
Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.

0101	William McClenahan	Seats (Total: 40)
	MTuWThF 10:00am - 12:45pm	VMH 1333

BMGT398B **Individual Study in Business and Management; Germany in the New Europe: Politics, Business, and Culture**
Contact department for information to register for this course.

BMGT398K **Individual Study in Business and Management; Business of British Design and Culture**
Contact department for information to register for this course.

BMGT438Q **Special Topics in Operations Management; Doing Business in China**
Contact department for information to register for this course.

BMGT448D **Special Topics in Finance; United Arab Emirates: Global Immersion**
Contact department for information to register for this course.

BMGT448E **Special Topics in Finance; Australia in the Global Economy**
Contact department for information to register for this course.

BMGT468D **Special Topics in Management and Organization; United Arab Emirates: Global Immersion**
Contact department for information to register for this course.

BMGT468E **Special Topics in Management and Organization; Australia in the Global Economy**
Contact department for information to register for this course.

BMGT488C **Special Topics in Logistics, Business, and Public Policy; Doing Business in Chile**
Contact department for information to register for this course.

BMGT828 **Independent Study in Business and Management**

BMGT828 Independent Study in Business and Management; (1-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT898 **Pre-Candidacy Research**

BMGT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT899 **Doctoral Dissertation Research**

BMGT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI Biological Sciences Program Winter 2011

BSCI222 **Principles of Genetics**

BSCI222 Principles of Genetics; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: {BSCI105 and BSCI106 and (CHEM131 and CHEM132)} or {BSCI105 and two semesters of chemistry}. Credit will be granted for only one of the following: BIOL222 or BSCI222. Formerly BIOL222.* Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.

0101	Tammatha O'Brien	Seats (Total: 66)
	MTuWThF 5:30pm - 8:30pm	BPS 1243
	Contact instructor or department for details.	

BSCI279M **Supplemental Study; Mayan Culture and the Interface Between Tropical Rainforests and Coral Reefs**

Contact department for information to register for this course.

BSCI338Z **Special Topics in Biology; Field Research**

BSCI338Z Special Topics in Biology: Field Research; (1-3 credits) Grade Method: REG/P-F/AUD.

SG91	Thomas Stanton	Seats (Total: 5)
	Contact instructor or department for details.	

BSCI342 **Biology of Reproduction**

BSCI342 Biology of Reproduction; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI105 or permission of department. Also offered as WMST326. Credit will be granted for only one of the following: BSCI342 or WMST326. Formerly ZOOL326.* The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior, and menopause.

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1250

BSCI361 **Principles of Ecology**

BSCI361 Principles of Ecology; (4 credits) Grade Method: REG/P-F.
Prerequisites: BSCI106 and (MATH130 or MATH140). Formerly ZOOL328N. Basic principles of population, community, and ecosystem ecology. Use of these principles to predict possible consequences of human-caused changes in the environment and to understand the level of uncertainty of those predictions.

0101	Marcia Shofner	Seats (Total: 24)
	MTuWThF 1:00pm - 4:30pm	PLS 1146

BSCI370 **Principles of Evolution**

BSCI370 Principles of Evolution; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI106. Formerly ZOOL328Q. Understanding evolutionary processes in a natural and human environment, including adaption; DNA sequence, protein, and genome evolution; evolution of developmental mechanisms; mechanisms of evolutionary change (mutation, natural selection, drift); epidemiology; coevolution and biological control; speciation; comparative methods; extinction and conservation; human evolution.

0101	Charles Fenster	Seats (Total: 40)
	MTuWThF 10:00am - 1:00pm	BPS 0283

BSCI425 **Epidemiology and Public Health**

BSCI425 Epidemiology and Public Health; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI223. Formerly MICB420. History, characteristic features of epidemiology; the important responsibilities of public health; vital statistics.

0101	Jeffrey Olimpo	Seats (Total: 25)
	MTuWThF 1:00pm - 4:00pm	BPS 0283

BSCI493 **Medicinal and Poisonous Plants**

BSCI493 Medicinal and Poisonous Plants; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: BSCI105 and CHEM233 or 4 credit hours of biological sciences. Formerly PBIO485. A study of plants important to humans that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.

0101	George Bean	Seats (Total: 25)
	MTuWThF 9:00am - 12:00pm	HJP 1216

BSOS Behavioral and Social Sciences Winter 2011

BSOS338A **Terrorism Study Special Topics; Political Islam in the West**

BSOS338A Terrorism Study Special Topics: Political Islam in the West; (3 credits) Grade Method: REG.
Click here for more course information.

WB10	Lorenzo Vidino	Seats (Total: 20)
	Class time/details on ELMs	ONLINE
	This section is taught on-line.	

BSOS388L **Behavioral and Social Sciences Special Topics; Terrorism in Small Wars**

BSOS388L Behavioral and Social Sciences Special Topics: Terrorism in Small Wars; (3 credits) Grade Method: REG.
Click here for more course information.

WB10	Jacob Aronson	Seats (Total: 20)
	Class time/details on ELMs	ONLINE
	This section is taught online.	

BSOS388R **Behavioral and Social Sciences Special Topics; Counterterrorism in the European Union**
Contact department for information to register for this course.

BSOS633 **Research Methods in Terrorism and Counterterrorism**
Contact department for information to register for this course.

BUDT Decision and Information Technologies — Winter 2011

BUDT759 **Independent Study in Decision and Information Technologies**

BUDT759 Independent Study in Decision and Information Technologies; (1-6 credits) Grade Method: REG.

DC01	Inbal Shenberger	Seats (Total: 5)
	Contact instructor or department for details.	

BUFN Finance — Winter 2011

BUFN750 **Valuation in Corporate Finance**

BUFN750 Valuation of Corporate Finance; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. For majors only. Credit will be granted for only one of the following: BUFN714 or BUFN750. Formerly BUFN714.* An advanced topics course in Corporate Finance dealing with valuation. Main topics will be, building pro forma statements, cost of capital, using ratios and comparables to value projects and firms, dicounted cash flow valuations, WACC and APV methods of valuation and Real Option Valuations.

DC01	Mark Taranto	Seats (Total: 45)
	Meets January 4, 2011 - January 20, 2011	
	TuTh 5:45pm - 9:55pm	DC C1

BUFN754 **Corporate Risk Management**

Any remaining seats in BUFN courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB-accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUFN course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMB BioPark Two.

BUFN754 Corporate Risk Management; (2 credits) Grade Method: REG/AUD. *Prerequisite: BUSI640. For majors only.* Surveys the theory and practice of financial risk identification, measurement, and mitigation at financial and non-financial firms. Topics will include hedging with options and futures, interest rate risk management, Value-at-Risk (VaR), Cashflow-at-Risk (CaR), Earnings-at-Risk (EaR), credit risk, equity risk, commodities risk, exchange rate risk, and lessons from risk management disasters.

GS01	Clifford Rossi	Seats (Total: 35)
	Meets January 4, 2011 - January 20, 2011	
	TuTh 5:45pm - 9:55pm	BLD3 3230

BUFN770 **International Investment**

BUFN770 International Investment; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. For Majors Only. Credit will be granted for only one of the following: BUFN724; or BUFN770 and BUFN771. Formerly BUFN724.* Addresses international stock markets, portfolio theory, international interest rates, exchange rates and exchange rate derivatives (options, forwards, and futures), exchange rate swaps and exchange rate exposure (operating, translation, and transaction), foreign investment strategey.

DC51	Gurdip Bakshi	Seats (Total: 31)
	Meets January 18, 2011 - January 22, 2011	
	TuWThFSa 10:30am - 4:50pm	DC C3
	For MSB Finance students only. Meets 1/18, 1/19, 1/20, 1/21, 1/22.	

BUMK Marketing Winter 2011

BUMK731 **Business-to-Business Marketing**

BUMK731 Business-to-Business Marketing; (2 credits) Grade Method: REG. *Cannot be repeated for 3 credits. Prerequisite: BUSI 650.* Focus is large fraction of marketing activity directed at organizational customers (businesses, non-profits and government). Marketing strategies, tactics and analytical tools most relevant when marketing to organizational customers are covered. Readings, cases and term paper contribute to understanding how to build long term buyer/seller relationships. Course is appropriate for anyone interested in understanding relationships between organizations, including vertical strategic alliances.

BA01	Robert Krapfel	Seats (Total: 35)
	Meets January 3, 2011 - January 19, 2011	
	W 6:00pm - 10:00pm	BA 103
	Sa 8:30am - 3:30pm	BA 103

BUMK757 **Marketing Strategy**

BUMK757 Marketing Strategy; (2 credits) Grade Method: REG. *Cannot be repeated for 3 credits. Prerequisite: BUSI 650. Credit will be granted for only one of the following: BMGT 757 or BUMK 757. Formerly BMGT757.* A capstone marketing course. Marketing strategies designed to manage products in selected market segments. Topics covered include competitor analysis, buyer analysis, market segments, and product strengths and weaknesses; product related issues are identified and marketing strategies developed, assessed and implemented.

GS01	Roxanne Lefkoff	Seats (Total: 35)
	Meets January 8, 2011 - January 16, 2011	
	SaSu 9:00am - 4:00pm	BLD3 4202

BUMO Management and Organization Winter 2011

BUMO720 **Organizational Change**

BUMO720 Organizational Change; (3 credits) Grade Method: REG.
Prerequisite: BUSI664. For BMGT majors only. Develops the fundamental change knowledge and skills of MBA students who plan to work with organizations as change agents, whether internally as managerial employees or externally as outside consultants. Draws on literatures from organizational behavior, human resource management and strategic management to identify models as prescriptions of change.

DC06	Judith Gebhardt **Meets January 8, 2011 - January 16, 2011** SaSu 8:30am - 6:30pm *Meets 1/8, 1/9, 1/15, 1/16.*	Seats (Total: 40) DC C2
DC07	James Spina **Meets January 5, 2011 - January 19, 2011** W 6:30pm - 10:00pm SaSu 8:30am - 6:00pm *This section meets 1/5, 1/9, 1/12, 1/15, 1/16, 1/19.*	Seats (Total: 40) DC C1 DC C1

BUMO758C **Special Topics in Management and Organization; International Entrepreneuship**

BUMO758C Special Topics in Management and Organization: International Entrepreneuship; (2 credits) Grade Method: REG.

DC06	James Sanders **Meets January 8, 2011 - January 16, 2011** SaSu 8:30am - 5:30pm *Meets 1/8, 1/15, 1/16.*	Seats (Total: 35) DC C4

BUMO758F **Special Topics in Management and Organization; Entrepreneurial Issues in Family and Closely-Held Businesses**

BUMO758F Special Topics in Management and Organization: Entrepreneurial Issues in Family and Closely-Held Businesses; (2 credits) Grade Method: REG.

DC01	Jonathan Aberman	Seats (Total: 35)
	Meets January 8, 2011 - January 19, 2011	
	W 6:00pm - 10:00pm	DC C5
	Sa 8:30am - 5:00pm	DC C5
	Meets 1/8, 1/12, 1/15, 1/19.	

BUMO759 **Independent Study in Management and Organization**

BUMO759 Independent Study in Management and Organization; (1-6 credits) Grade Method: REG.

GS01	J Baum	Seats (Total: 5)
	Contact instructor or department for details.	

BUSI Part-Time MBA Program Winter 2011

BUSI660 **Entrepreneurship and New Ventures**

BUSI660 Entrepreneurship and New Ventures; (2 credits) Grade Method: REG. *For BMGT majors only. Credit will be granted for only one of the following: BUMO732 or BUSI660.* Provides an introduction to important tools and skills necessary to create and grow a successful new venture. Integrates research findings from a range of different practical and intellectual perspectives, including psychology, sociology, economics, strategic management, and history into practical, hands on lessons for an entrepreneur. Class projects provide the foundations for new, real businesses.

BA01	Kenneth Gabriel	Seats (Total: 50)
	Meets January 8, 2011 - January 19, 2011	
	W 6:00pm - 10:00pm	BA 104
	Sa 8:30am - 5:00pm	BA 104
	Meets 1/8, 1/12, 1/15, 1/19.	

BUSI674 **Globalizing the Enterprise**

BUSI674 Globalizing the Enterprise; (2 credits) Grade Method: REG.
For majors only or permission of department. Focuses on the "strategic" and "organizational" questions that a company must address as it globalizes its footprint. Among the questions that will be addressed are: What are the potential benefits, costs, and risks associated with going abroad? What differentiates a "global" from a "multidomestic" industry? What are the sources of competitive advantagein a global context?

GS01	Vinod Jain	Seats (Total: 50)
	Meets January 8, 2011 - January 16, 2011	
	SaSu 9:30am - 4:15pm	BLD3 4230
	Meets 1/8, 1/9, 1/15, 1/16.	

BUSI759 **Independent Study in Business**

BUSI759 Independent Study in Business; (1-6 credits) Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUSI798C **Global Business Experience; Doing Business in China: The Special Administrative Regions of Hong kong and Macau**
Contact department for information to register for this course.

BUSI798G **Global Business Experience; Doing Business in India: Competitive Advantage through an India Strategy**
Contact department for information to register for this course.

BUSI798I **Global Business Experience; Doing Business in Israel: Examining the Start-Up Nation**
Contact department for information to register for this course.

BUSI798J **Global Business Experience; Doing Business in South Africa: Sports Marketing and the World Cup**
Contact department for information to register for this course.

BUSI798L **Global Business Experience; Doing Business in Malaysia: Islamic Finance**
Contact department for information to register for this course.

CCJS Criminology and Criminal Justice Winter 2011

CCJS100 **Introduction to Criminal Justice**

CCJS100 Introduction to Criminal Justice; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Formerly CJUS100. Introduction to the administration of criminal justice in a democratic society, with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement; functions and specific activities; planning and research; public relations; personnel and training; inspection and control; direction; policy formulation.

0101	Arnett Gaston MTuWTh 9:00am - 12:30pm	Seats (Total: 50) TYD 1102

CCJS278A **Special Topics in Criminology and Criminal Justice; Coercive Sex and Violence in Families**

CCJS278A Special Topics in Criminology and Criminal Justice: Coercive Sex and Violence in Families; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Cortney Fisher Class time/details on ELMs	Seats (Total: 45) ONLINE

CCJS300 **Criminological and Criminal Justice Research Methods**

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: CCJS100 and CCJS105; and one of the following: CCJS200 or SOCY201 or PSYC200 or ECON321 or BMGT230. Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings.
Prerequisites: CCJS100 and CCJS105 and one of the following: CCJS200 or SOCY201 or PSYC200 or ECON321 or BMGT320.

0101	Alan Lehman MTuWTh 10:00am - 1:30pm	Seats (Total: 18) LEF 0214
0102	Laure Brooks MTuWTh 1:00pm - 4:30pm	Seats (Total: 18) LEF 2166

CCJS340 **Concepts of Law Enforcement Administration**

CCJS340 *(PermReq)* **Concepts of Law Enforcement Administration; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 or equivalent. An introduction to concepts of organization and management as these relate to law enforcement. Principles of structure, process, policy and procedure, communication and authority, division of work and organizational controls. Human element in the organization. Informal interaction and bureaucracy.

0101	Laure Brooks	Seats (Total: 40)
	MTuWTh 9:00am - 12:30pm	LEF 2166

CCJS359 **Field Training in Criminology and Corrections**

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisites: (CCJS 105 or CRIM 220) and (CCJS 350 or CRIM 450), majors only and permission of department.

Contact department for information to register for this course.

CCJS398 **Law Enforcement Field Training**

CCJS398 *(PermReq)* **Law Enforcement Field Training; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: junior standing. Majors only.

Contact department for information to register for this course.

CCJS399C **Independent Study in Criminology and Criminal Justice; Contemporary Case Law**

CCJS399C *(PermReq)* **Independent Study in Criminology and Criminal Justice: Contemporary Case Law; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 or CCJS105. Students are required to attend on January 4th, January 11th, January 18th, and January 20th. This is a self-directed study course. Students who have completed CCJS288C may not receive credit for this course.

0101	Alvin Zumbrun	Seats (Total: 45)
	TuTh 1:00pm - 3:00pm	TYD 0102
	Contact instructor or department for details.	

CCJS452 **Treatment of Criminals and Delinquents**

CCJS452 Treatment of Criminals and Delinquents; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: CCJS105 or CCJS350 or permission of department; and CCJS300.
Processes and methods used to modify criminal and delinquent behavior.

0101	Arnett Gaston	Seats (Total: 40)
	MTuWTh 1:00pm - 4:30pm	TYD 1102

CCJS605 **Program Evaluation for Criminal Justice**
Contact department for information to register for this course.

CCJS651 **Seminar in Criminology**

CCJS651 Seminar in Criminology; (3 credits) Grade Method: REG/AUD.
Formerly CRIM651. Analysis of significant recent issues in Criminology.

CH01	Sally Simpson	Seats (Total: 32)
	Contact instructor or department for details.	

CCJS678B **Advanced Topics in Criminology and Criminal Justice; International Economics**
Contact department for information to register for this course.

CHEM Chemistry Winter 2011

CHEM399A **Introduction to Chemical Research; Undergraduate Research**

CHEM399A Introduction to Chemical Research: Undergraduate Research; (1 credit) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM399B **Introduction to Chemical Research; Undergraduate Research**

CHEM399B Introduction to Chemical Research: Undergraduate Research; (2 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM471 **Techniques in Pulse NMR**

CHEM471 *(PermReq)* **Techniques in Pulse NMR; (1 credit)** Grade Method: REG/P-F/AUD.
Prerequisite: CHEM241/CHEM242 or CHEM247. Recommended: CHEM460. Persons with heart pacemakers and/or metal implants cannot take the course due to potential health hazards. For Senior undergraduate and graduate students. NMR techniques to operate, adjust, and calibrate the spectrometers and acquire and process NMR data in one and two dimensional NMR applications. Students who wish to register must have the instructors permission.

0101	Yiu-Fai Lam	Seats (Total: 12)
	TuTh 11:00am - 1:00pm	CHM 0119
	Contact instructor or department for details.	

CHEM611 **Professional Skills for New Graduate Students**

CHEM611 Professional Skills for New Graduate Students; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Restricted to New Chemistry and Biochemistry graduate students. Covers a wide range of topics in professional development for new graduate students.

Contact department for information to register for this course.

CHEM612 **Scientific Presentations**

CHEM612 Scientific Presentations; (1 credit) Grade Method: S-F.
Prerequisite: CHEM611. Workshops will cover all aspects of giving scientific presentations. Each student will give a presentation based oon the topic of his/her final paper in CHEM611. Presentations will be critiqued by peers and faculty members.

0101	Lyle Isaacs	Seats (Total: 40)
	MTuWThF 10:00am - 11:00am	CHM 1228

CHEM640 **Problems in Organic Reaction Mechanisms**

CHEM640 Problems in Organic Reaction Mechanisms; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
A tutorial type course dealing with the basic description of the fundamentals of writing organic reaction mechanisms.

Contact department for information to register for this course.

CHEM899 **Doctoral Dissertation Research**

CHEM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHIN Chinese Winter 2011

CHIN220 **Beginning Chinese Calligraphy**

CHIN220 Beginning Chinese Calligraphy; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Not open to students who have completed CHIN331. Credit will be granted for only one of the following: CHIN220 or CHIN331. Introduction to techniques, history, and culture of Chinese calligraphy. Extensive hands-on practice. Taught in English.

0101	Yuli Wang	Seats (Total: 25)
	MTuWThF 11:00am - 2:00pm	JMZ 0205

CLAS Classics Winter 2011

CLAS170 **Greek and Roman Mythology**

CLAS170 Greek and Roman Mythology; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
This course cannot be taken for language credit. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.

0101	Gregory Staley	Seats (Total: 75)
	MTuWThF 9:00am - 12:00pm	MMH 1400

CLAS308G **The Classics in Context; The Ancient Roman City: Pompeii and Beyond**
Contact department for information to register for this course.

CLAS499 **Independent Study in Classical Languages and Literatures**

CLAS499 Independent Study in Classical Languages and Literatures; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS499I **Independent Study in Classical Languages and Literatures; Italy: Ancient Greek and Roman Culture in Context**
Contact department for information to register for this course.

CLFS Chemical and Life Sciences Winter 2011

CLFS001 **Life Science Assessment Test**

CLFS001 Life Science Assessment Test; (No credit) Grade Method: REG/P-F/AUD.

PL01	Bretton Kent	Seats (Total: 1)
	Meets November 30, 2010 - February 19, 2011	
	Contact instructor or department for details.	

CLFS608 **Seminar in Current Topics in Chemical and Life Science**

CLFS608 *(PermReq)* **Seminar in Current Topics in Chemical and Life Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact Dr. Brett Kent (bkent@umd.edu) to establish a mentor; and then contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS608A **Seminar in Current Topics in Chemical and Life Science; Independent Research**

CLFS608A *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS609B **Special Topics; The Biology of Reproduction**

CLFS609B Special Topics: The Biology of Reproduction; (3 credits) Grade Method: REG/AUD.

PL01	Janet Norcross, Bruce Cushing	Seats (Total: 30)
	Meets November 30, 2010 - February 19, 2011	
	Contact instructor or department for details.	

CLFS609C **Special Topics; Emerging Infectious Diseases**

CLFS609C Special Topics: Emerging Infectious Diseases; (3 credits) Grade Method: REG/AUD.

PL01	Robert Hall	Seats (Total: 25)
	Meets November 30, 2010 - February 19, 2011	
	Contact instructor or department for details.	

CLFS609F **Special Topics; Principles of Paleobiology**

CLFS609F Special Topics: Principles of Paleobiology; (3 credits) Grade Method: REG/AUD.

PL01	Bretton Kent	Seats (Total: 20)
	Meets November 30, 2010 - February 19, 2011	
	Class time/details on ELMs	ONLINE

CLFS619C **Special Topics in Chemistry; Chemical Biology**

CLFS619C Special Topics in Chemistry: Chemical Biology; (3 credits) Grade Method: REG/AUD.

PL01	Emily English	Seats (Total: 20)
	Meets November 30, 2010 - February 19, 2011	
	Class time/details on ELMs	ONLINE

CLFS630 **Principles of Transmission Genetics: A Historical and Modern Perspective**

CLFS630 Principles of Transmission Genetics: A Historical and Modern Perspective; (3 credits) Grade Method: REG/AUD.
Examines the origins of modern genetics, model genetic systems, and the role of chromosomes in vertical transmission of genetic information from parent to offspring. Classical gene mapping, population genetics and the various applications of modern genetics will also be studied.

PL01	Nancy Trun	Seats (Total: 20)
	Meets November 30, 2010 - February 19, 2011	
	Class time/details on ELMs	ONLINE

CLFS640 **Human Physiology**

CLFS640 Human Physiology; (3 credits) Grade Method: REG/AUD.
Prerequisite: LFSC 510, two years teaching experience, and permission of department. For Masters of LFSC majors only. Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.

PL01	John Kapp, William Higgins	Seats (Total: 30)
	Meets November 30, 2010 - February 19, 2011	
	Contact instructor or department for details.	

CLFS660 **Biodiversity and Conservation Biology**

CLFS660 Biodiversity and Conservation Biology; (3 credits) Grade Method: REG/AUD.
Application of ecological and evolutionary principles to assess the impact of the human species on the environment and its inhabitants. Specific case studies are included to illustrate problems of bidiversityloss and actions required to reverse the trends.

PL01	Dale Bottrell	Seats (Total: 24)
	Meets November 30, 2010 - February 19, 2011	
	Contact instructor or department for details.	

CLFS725 **Experimental Design**

CLFS725 Experimental Design; (2 credits) Grade Method: REG/AUD.
Credit will be granted for only one of the following: LFSC 710, LFSC 719 or LFSC 725. Formerly LFSC719. Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of orginal experiments for a series of research problems.

PL01	Bretton Kent	Seats (Total: 30)
	Meets November 30, 2010 - February 19, 2011	
	Contact instructor or department for details.	

CMLT Comparative Literature Winter 2011

CMLT498C **Selected Topics in Comparative Studies; Chile: Chilean Literature, Democracy and Social Change**
Contact department for information to register for this course.

CMLT498E **Selected Topics in Comparative Studies; Egypt: A Literary Journey**
Contact department for information to register for this course.

CMLT498J **Holocaust and Film**

CMLT498J Holocaust and Film; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
An exploration of films about the Holocaust, focusing on both narrative and documentary styles. Topics of discussion, reading and writing will include the ethics and the efficacy of representation.Also offered as JWST429F and HIST429F.

0101	Eliyana Adler	Seats (Total: 20)
	MTuWTh 6:00pm - 9:30pm	SYM 0209

CMSC Computer Science Winter 2011

CMSC198J **Special Topics in Computer Science for Non-Majors; Introduction to Computer Programming for Non-Majors Using JavaScript**

CMSC198J Special Topics in Computer Science for Non-Majors: Introduction to Computer Programming for Non-Majors Using JavaScript; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

0101	Nelson Padua-Perez	Seats (Total: 40)
	MTuWThF 2:00pm - 5:00pm	CSI 1121

CMSC389C **Special Topics in Computer Science; C++ Programming**

CMSC389C *(PermReq)* **Special Topics in Computer Science: C++ Programming; (1 credit)** Grade Method: REG.
Prerequisite: CMSC 216 with a grade of C or better.

0101	Fawzi Emad	Seats (Total: 40)
	MTuWThF 11:00am - 12:00pm	CSI 3117

CMSC389P **Special Topics in Computer Science; Introduction to PHP, MySQL, and Apache**

CMSC389P *(PermReq)* **Special Topics in Computer Science: Introduction to PHP, MySQL, and Apache; (1 credit)** Grade Method: REG.
Prerequisite: CMSC 216 with a grade of C or better.

0101	Nelson Padua-Perez	Seats (Total: 40)
	MTuWThF 10:00am - 11:00am	CSI 1121

CMSC389R **Special Topics in Computer Science; Ruby on Rails**

CMSC389R *(PermReq)* **Special Topics in Computer Science: Ruby on Rails; (1 credit)** Grade Method: REG.
Prerequisite: CMSC 216 with a grade of C or better.

0101	Neil Spring	Seats (Total: 35)
	MTuTh 1:00pm - 2:35pm	CSI 1122

CMSC498C **Selected Topics in Computer Science; Introduction to Cyber Forensics**

CMSC498C *(PermReq)* **Selected Topics in Computer Science: Introduction to Cyber Forensics; (1 credit)** Grade Method: REG.

0101	James Fottrell	Seats (Total: 30)
	W 2:20pm - 6:30pm	CSI 1122

CMSC798 **Graduate Seminar in Computer Science**

CMSC798 Graduate Seminar in Computer Science; (1 credit) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC898 **Pre-Candidacy Research**

CMSC898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC899 **Doctoral Dissertation Research**

CMSC899 Doctoral Dissertation Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM Communication Winter 2011

COMM288 **Communication Internship**

COMM288 *(PermReq)* **Communication Internship; (1-6 credits)** Grade Method: REG/P-F/AUD.

IN01	Julie Gowin	Seats (Total: 10)
	Contact instructor or department for details.	

COMM324 **Communication and Gender**

COMM324 Communication and Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
The creation of images of male and female, and masculine and feminine, through communication, the differences in male and female communication behaviors and styles, and the implications of those images and styles for male-female transactions.

0101	Alyssa Samek	Seats (Total: 30)
	MTuWTh 1:00pm - 4:30pm	SKN 0104

COMM330 **Argumentation and Public Policy**

COMM330 Argumentation and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Contemporary theories of argumentation with special emphasis on methods of formulating and critiquing public policy argument.

0101	Benjamin Krueger	Seats (Total: 30)
	MTuWTh 5:00pm - 8:30pm	SKN 1115

COMM386 **Experiential Learning**

COMM386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
45 hours of supervised internship per credit hour. Only 3 credits may be used to fulfill the requirements for the Communication major. Prerequisite: permission of department. Junior standing. For COMM majors only. Supervised internship experience with communication professionals. Relation of academic training to professional experience. Hours are completed at internship site.

Contact department for information to register for this course.

COMM388 **Communication Practicum**

COMM388 *(PermReq)* **Communication Practicum; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM398A **Selected Topics in Communication; Visual Communication & Culture**

COMM398A Selected Topics in Communication: Visual Communication & Culture; (3 credits) Grade Method: REG.

0101	William Lawson	Seats (Total: 35)
	MTuWTh 5:00pm - 8:30pm	SKN 0104

COMM398P **Selected Topics in Communication; Popular Culture**

COMM398P Selected Topics in Communication: Popular Culture; (3 credits) Grade Method: REG.

0101	Ioana Cionea	Seats (Total: 30)
	MTuWTh 1:00pm - 4:30pm	SKN 1115

COMM401 **Interpreting Strategic Discourse**

COMM401 Interpreting Strategic Discourse; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. For COMM majors only. Principles and approaches for practical analysis of discourse designed to shape audience opinion.

0101	Kristjana Maddux	Seats (Total: 35)
	MTuWTh 9:00am - 12:30pm	SKN 0104

COMM798 **Independent Study**

COMM798 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM898 **Pre-Candidacy Research**

COMM898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM899 **Doctoral Dissertation Research**

COMM899 Doctoral Dissertation Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CONS Sustainable Development & Conservation Biology — Winter 2011

CONS609I **Special Topics in Conservation Biology**

CONS609I Special Topics in Conservation Biology; (1 credit) Grade Method: REG/S-F.

IN01	Karen Lips	Seats (Total: 50)
	Contact instructor or department for details.	

CONS798 **Research Papers in Sustainable Development and Conservation Biology**

CONS798 Research Papers in Sustainable Development and Conservation Biology; (1-4 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON Economics — Winter 2011

ECON200 **Principles of Micro-Economics**

ECON200 Principles of Micro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: MATH110 or placement in MATH113/MATH115/MATH111. It is recommended that students complete ECON200 before taking ECON201. Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity. Click here to view the course syllabus.

WB11	Adriana Vamosiu	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

ECON201 **Principles of Macro-Economics**

ECON201 Principles of Macro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: MATH110 or placement in MATH113/MATH115/MATH111. It is recommended that students complete ECON200 before taking ECON201. Credit will be granted for only one of the following: ECON201 or ECON205. An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.

0101	Jonathan Kreamer	Seats (Total: 40)
	MTuWTh 11:00am - 3:10pm	TYD 2110

ECON300 **Methods and Tools for Economic Analysis**

ECON300 *(PermReq)* **Methods and Tools for Economic Analysis; (3 credits)**
Grade Method: REG/P-F/AUD.
Prerequisite: By permission with ECON200, ECON201, and {MATH220 or MATH140} with a grade of 'C'(2.0) or better. For ECON majors only and permission of department. Not open to students who have completed MATH240 or MATH241.
Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.

0101	Pablo Federico	Seats (Total: 40)
	MTuWTh 10:00am - 1:10pm	TYD 1114

ECON314 **Economic History, Development and Policy**
Contact department for information to register for this course.

ECON321 **Economic Statistics**

ECON321 Economic Statistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200, ECON201, {MATH220 or MATH140} with a grade of 'C'(2.0) or better. For ECON majors only. Not open to students who have completed BMGT230 or BMGT231 (unless with department permission). Credit will be granted for only one of the following: BIOM301, BMGT230, ECON321, EDMS451, GEOG305, GVPT422, PSYC200, or SOCY201. Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.

0101	Martin Schmidt	Seats (Total: 40)
	MTuWTh 2:30pm - 5:40pm	TYD 1132

ECON325 **Intermediate Macroeconomic Analysis**

ECON325 Intermediate Macroeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON300 with a grade of 'C' (2.0) or better. For ECON majors only. Credit will be granted for only one of the following: ECON305 (not accepted for major requirements) or ECON325. Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.

0101	Hatice Ture	Seats (Total: 40)
	MTuWTh 12:30pm - 3:40pm	TYD 2111

ECON326 **Intermediate Microeconomic Analysis**

ECON326 Intermediate Microeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON300 with a grade of 'C' (2.0) or better. For ECON majors only. Credit will be granted for only one of the following: ECON306 (not accepted for major requirements) or ECON326. Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asysmetric information.

0101	David Ruiz	Seats (Total: 40)
	MTuWTh 9:00am - 12:10pm	TYD 2111

ECON330 **Money and Banking**

ECON330 Money and Banking; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200 and ECON201. The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.

0101	Mehmet Tiftik	Seats (Total: 44)
	MTuWTh 9:00am - 11:30am	TYD 2106

ECON340 **International Economics**

ECON340 International Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200 and ECON201. Credit will be granted for only one of the following: ECON340 or ECON441. Covers economic models of international transactions, exchange rates, and balance of payments. Analysis of policies of protection, devaluation, and exchange rate stabilization and their consequences.

0101	Rocio Gondo Mori	Seats (Total: 40)
	MTuWTh 12:30pm - 3:40pm	TYD 0101

ECON412 **Economic History and Modern Development**

ECON412 Economic History and Modern Development; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON325 and ECON326 with a grade of 'C' (2.0) or better (or ECON306 and ECON305 by permission). For ECON majors only. Analysis of major economic, political, and social change in the developed world since 1800. This includes factors contributing to increases in economic performance, changes in the form of government, technological change (including industrialization), and integration and disintegration of the global economy. Emphasis is on institional changes in how societies organize economic and political activities.

0101	Alvaro La Parra Perez	Seats (Total: 40)
	MTuWTh 3:30pm - 6:40pm	TYD 1114

ECON422 **Econometrics I**

ECON422 Econometrics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ECON321 (or STAT400) with a grade of 'C' (2.0) or better. For ECON majors only. Emphasizes the interaction between economic problems and the assumptions employed in statistical theory. Formulation, estimation, and testing of economic models, including single variable and multiple variable regression techniques, theory of identification, and issues relating to inference.

0101	Yasin Mimir	Seats (Total: 40)
	MTuWTh 9:00am - 12:10pm	TYD 0117

ECON424 **Computer Methods in Economics**

ECON424 Computer Methods in Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON325 and ECON326 (or ECON305 and ECON306 by permission of department) and ECON321 with a grade of 'C' (2.0) or better. For ECON majors only. Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.

0101	Salih Fendoglu	Seats (Total: 38)
	MTuWTh 1:00pm - 4:15pm	LEF 0229

ECON698 **Selected Topics in Economics**

ECON698 Selected Topics in Economics; (3 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON898 **Pre-Candidacy Research**

ECON898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON899 **Doctoral Dissertation Research**

ECON899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI Curriculum and Instruction Winter 2011

EDCI280 **Looking Inside Schools and Classrooms**

EDCI280 Looking Inside Schools and Classrooms; (3 credits) Grade Method: REG.
An exploration of teaching in public schools, grades 1-12: student diversity, societal chagnes, and the expectations of teachers and public schools. Three hour per week field component. Students will be given their lab assignments in class. Beginning January 6th the lab portion will be held at a nearby elementar y school from 8AM-1PM and class will meet in EDU 2112 from 2- 4: Lecture Jan 3-5 9-12 EDU 2212 Lecture Jan 6-Jan 22 2-4 EDU 2212 Lab Jan 6 - Jan 22 8AM-1PM nearby school TBA

0101	Margaret Peterson	Seats (Total: 30)
	Contact instructor or department for details. Contact instructor or department for details.	
	Students will be given their lab assignments on January 2,3, and 4, 200 from 9am-12pm in EDU 2212B.	

EDCI437 **English Grammar Pedagogy for Teachers of English Language Learners**

EDCI437 English Grammar Pedagogy for Teachers of English Language Learners; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: EDCI437 or EDCI488P. Formerly EDCI488P. Methods of teaching English grammar to English language learners. The role of teaching grammar. Effective methods and techniques for incorporating grammar in other communication activities.

IHP1	Nathanael Rudolph	Seats (Total: 15)
	Meets January 3, 2011 - January 21, 2011	
	MTuWTh 4:30pm - 8:00pm	Location: TBA
	Outreach offering for TESOL Program. Department permission required.	

EDCI463 **Reading in the Secondary School**

EDCI463 Reading in the Secondary School; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: admission to teacher education program; and 2.5 GPA; or permission of department required for post-baccalaureate students. For education majors only.
Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.

0101	Wayne Slater	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	EDU 2119

EDCI798 **Special Problems in Teacher Education**

EDCI798 Special Problems in Teacher Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI898 **Pre-Candidacy Research; Independent Study**

EDCI898 Pre-Candidacy Research: Independent Study; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI899 **Doctoral Dissertation Research**

EDCI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP Education Counseling and Personnel Services — Winter 2011

EDCP108B **College and Career Advancement: Concepts and Skills; Winterterm Study Skills Program**

EDCP108B College and Career Advancement: Concepts and Skills: Winterterm Study Skills Program; (1 credit) Grade Method: REG/P-F/AUD.
Class meets for one week: Jan 10-14. Also offered as a non-credit Workshop: WINT012.

0101	Beverly Greenfeig	Seats (Total: 100)
	Meets January 10, 2011 - January 14, 2011	
	MTuWThF 9:30am - 12:30pm	LEF 2205

EDCP498 **Special Problems in Counseling and Personnel Services**

EDCP498 Special Problems in Counseling and Personnel Services; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP789 **Advanced Topics in Counseling and Personnel Services**

EDCP789 Advanced Topics in Counseling and Personnel Services; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP789E **Advanced Topics in Counseling and Personnel Services; American Universities in the Middle East: The Quatar Experience**

Contact department for information to register for this course.

EDCP798 **Special Problems in Counseling and Personnel Services; Special Problems in Counseling and Personnel Services**

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services: Special Problems in Counseling and Personnel Services; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individual Instruction course: contact department or instructor to obtai n section number for winter term.

Contact department for information to register for this course.

EDCP799 **Master's Thesis Research**

EDCP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888 **Apprenticeship in Counseling and Personnel Services**

EDCP888 Apprenticeship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP889 **Internship in Counseling and Personnel Services**

EDCP889 Internship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP898 **Pre-Candidacy Research**

EDCP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP899 **Doctoral Dissertation Research**

EDCP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI Education Leadership, Higher Ed and International Ed — Winter 2011

EDHI288A **Special Problems in Education; Education and the Islamism-Secularism Debate**
Contact department for information to register for this course.

EDHI288I **Education and Islamism-Secularism Debate**
Contact department for information to register for this course.

EDHI488C **Special Topics in Education Policy and Administration; World Religions and Their Implications for Education**

EDHI488C Special Topics in Education Policy and Administration: World Religions and Their Implications for Education; (3 credits) Grade Method: REG/P-F/AUD.
Course will meet January 3, 5, 6, 10, 12, 13, 19. There will be individual meetings with students scheduled in the third week of the course at times mutally agreeable for the student and instructor.

0101	Jing Lin	Seats (Total: 20)
	MWTh 4:00pm - 8:20pm	EDU 2101

EDHI488I **Education and Islamism-Secularism Debate**

Contact department for information to register for this course.

EDHI489 **Field Experiences in Education**

EDHI489 Field Experiences in Education; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI788C **Special Topics in Education Policy and Administration; World Religions and Their Implications for Education**

EDHI788C Special Topics in Education Policy and Administration: World Religions and Their Implications for Education; (3 credits) Grade Method: REG/AUD.
Course will meet January 3, 5, 6, 10, 12, 13, 20. There will be individual meetings with students scheduled in the third week of the course at times mutally agreeable for the student and instructor.

0101	Jing Lin	Seats (Total: 20)
	MWTh 4:00pm - 8:20pm	EDU 2101

EDHI788W **Special Topics in Education Policy and Administration; Ranking Systems in Higher Education - How They Work and Why They Matter**

EDHI788W Special Topics in Education Policy and Administration: Ranking Systems in Higher Education - How They Work and Why They Matter; (3 credits) Grade Method: REG/AUD.
This course will also meet on 1/19 from 7pm-10pm. Plus 10 Lab Online Hours.

0101	KerryAnn O'Meara	Seats (Total: 15)
	Meets January 3, 2011 - January 14, 2011	
	MTh 10:00am - 2:00pm	EDU 3233
	MTh 3:00pm - 7:00pm	EDU 3233

EDHI798 **Special Problems in Education**

EDHI798 *(PermReq)* **Special Problems in Education; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI889 **Internship in Education**

EDHI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS Education Policy Studies Winter 2011

EDPS488C **Special Topics in Education Policy and Administration; Culture, Identity, and Experience in Education**

EDPS488C Special Topics in Education Policy and Administration: Culture, Identity, and Experience in Education; (3 credits) Grade Method: REG/P-F/AUD. This course will meet both on-campus and on-line. Dates for the on-line portion will be available in your syllabus. There will also be a class meeting on Saturday, January 16th or Sunday, January 17th.

0101	Beth Cohen, Tomoko Tokunaga	Seats (Total: 20)
	TuTh 4:15pm - 7:30pm	EDU 2102
	Contact instructor or department for details.	

EDPS488L **Special Topics in Education Policy and Administration; Education and Culture in Liberia**
Contact department for information to register for this course.

EDPS679 **Master's Seminar**

EDPS679 Master's Seminar; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS798 **Special Problems in Education**

EDPS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS889 **Internship in Education**

EDPS889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP Education, Special Winter 2011

EDSP470 **Introduction to Special Education**

EDSP470 Introduction to Special Education; (3 credits) Grade Method: REG/P-F/AUD.
Not open to students who have completed EDSP210. Credit will be granted for only one of the following: EDSP210 or EDSP470. Designed to give an understanding of the needs of all types of exceptional children.

0101	Agnesanne Danehey	Seats (Total: 40)
	MTuWTh 10:00am - 3:00pm	EDU 1121

EDSP488B **Selected Topics in Teacher Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP498F **Special Problems in Special Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP788B **Selected Topics in Special Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP798 **Special Problems in Special Education**

EDSP798 Special Problems in Special Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP798F **Special Problems in Special Education; El Salvador's Children: Risk, Poverty and Education**
Contact department for information to register for this course.

EDSP799 **Master's Thesis Research**

EDSP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888 **Apprenticeship in Special Education**

EDSP888 Apprenticeship in Special Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888A **Apprenticeship in Special Education; Apprenticeship in College Teaching**

EDSP888A Apprenticeship in Special Education: Apprenticeship in College Teaching; (3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP889 **Internship in Special Education**

EDSP889 Internship in Special Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP898 **Pre-Candidacy Research**

EDSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP899 **Doctoral Dissertation Research**

EDSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCO Engineering, Cooperative Education — Winter 2011

ENCO098 **Co-op/Internship Work Experience; Co-op/Intern Work Experience**

ENCO098 Co-op/Internship Work Experience: Co-op/Intern Work Experience; (No credit) Grade Method: S-F.
Participation in a cooperative education (co-op) or internship program combines classroom theory with paid, supervised, career-related work experience that develops technical and professional work skills. Programs are open to undergraduate and graduate students in all majors in the School of Engineering. Undergraduate students must have a 2.0 GPA to participate and graduate students a 3.0 GPA. Contact the Engineering Co-op and Career Services Office for more information.

CP02	Veronica Perrigan	Seats (Total: 10)
	Contact instructor or department for details.	

ENEE Electrical & Computer Engineering — Winter 2011

ENEE200 **Social and Ethical Dimensions of Engineering Technology**

ENEE200 Social and Ethical Dimensions of Engineering Technology; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.

Sophomore standing. Designed for both engineeering and non-engineering students wishing to explore and assess the impact of engineering technology on society and the role of society in generating that technology. Special emphasis is placed on the interplay of diverse and often conflicting personal and collective values in both the development and implementation of new technologies. These subjects touch on many areas of interest including ethics, politics, business, the law, and society.

0101	Wesley Lawson, Saara Khan	Seats (Total: 18)	
	MTuWThF 10:00am - 12:00pm	CSI 2107	
	MTuWThF 1:00pm - 3:00pm	CSI 2107	Discussion
0102	Wesley Lawson, Saara Khan	Seats (Total: 18)	
	MTuWThF 10:00am - 12:00pm	CSI 2107	
	MTuWThF 1:00pm - 3:00pm	CSI 2120	Discussion

ENEE488 **Independent Study in Electrical and Computer Engineering**

ENEE488 *(PermReq)* **Independent Study in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499 **Senior Projects in Electrical and Computer Engineering**

ENEE499 *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENES Engineering Science Winter 2011

ENES102 **Mechanics I**

ENES102 *(PermReq)* **Mechanics I; (3 credits)** Grade Method: REG/P-F/AUD.
Corequisite: MATH140. For engineering majors only. Formerly ENES110. The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.

0101	Kevin Calabro	Seats (Total: 40)
	MTuWThF 9:00am - 12:00pm	JMP 2202

ENES220 **Mechanics II**

ENES220 *(PermReq)* **Mechanics II; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisites: ENES102; and MATH141; and PHYS161. For engineering majors only (not including ENEE majors). Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.

0101	Robert Bonenberger	Seats (Total: 42)
	MTuWThF 10:00am - 1:00pm	JMP 1202

ENES435 **Product Liability and Regulation**

ENES435 Product Liability and Regulation; (3 credits) Grade Method: REG/P-F/AUD.
Junior standing. Key topics include, biotechnology, safety regulation, federal preemption, product liability, professional negligence, antitrust, privacy and information technology, risk modeling, environmental protection, patent, copyright, trade secrets, reverse engineering, scientific and technological evidence, international trade, engineering ethics. Examples include plane crashes, computer chip protection, human machine interfaces, nuclear power plants, internet censorship, flood control, earthquakes and biomedical technology.

0101	Vincent Brannigan	Seats (Total: 60)
	MTuWThF 9:00am - 12:00pm	CSI 2117

ENES458A **Topics in International Engineering; Engineers Without Borders: Leadership Seminar**

Contact department for information to register for this course.

ENES458I **Topics in International Engineering; Engineers Without Borders-Leadership Seminar**
Contact department for information to register for this course.

ENES460 **Fundamentals of Technology Start-Up Ventures**

ENES460 Fundamentals of Technology Start-Up Ventures; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as BUSI758T. Formerly ENES489A. Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.

WB11	James Green	Seats (Total: 50)	
	Class time/details on ELMs	ONLINE	

ENES472 **International Business Cultures in Engineering and Technology**
Contact department for information to register for this course.

ENES489Q **Special Topics in Engineering; Biotechnology and Bioproduction**

ENES489Q Special Topics in Engineering: Biotechnology and Bioproduction; (3 credits) Grade Method: REG/P-F/AUD.
Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing, in classroom and pilot plant settings. Students will work through a "production campaign" including all key steps of manufacturing a protein product.Also offered as BIOE468B.

0101	Ben Woodard	Seats (Total: 20)	
	MTuWThF 1:00pm - 2:50pm	CHE 2118	
	MTuWThF 3:00pm - 4:00pm	CHE 1203	Lab

ENFP Engineering, Fire Protection Winter 2011

ENFP435 **Product Liability and Regulation**

ENFP435 Product Liability and Regulation; (3 credits) Grade Method: REG/P-F/AUD.
Junior standing. Key topics include, biotechnology, safety regulation, federal preemption, product liability, professional negligence, antitrust, privacy and information technology, risk modeling, environmental protection, patent, copyright, trade secrets, reverse engineering, scientific and technological evidence, international trade, engineering ethics. Examples include plane crashes, computer chip protection, human machine interfaces, nuclear power plants, internet censorship, flood control, earthquakes and biomedical technology. Click here for more course information.

0101	Vincent Brannigan	Seats (Total: 60)
	MTuWThF 9:00am - 12:00pm	CSI 2117

ENFP489J **Special Topics; Structure Analysis**

ENFP489J Special Topics: Structure Analysis; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP619 **Graduate Seminar**

ENFP619 Graduate Seminar; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP621 **Analytical Procedures of Structural Fire Protection**

ENFP621 Analytical Procedures of Structural Fire Protection; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENFP 312 and ENFP 405. Analysis procedures for structural components of wood, steel, concrete, composites. Structural capabilities, modifications under fire induced exposures. Calculations, computer models for predicting fire resistance ratings of structural components.

EF01	Susan Lamont	Seats (Total: 40)
	Meets December 6, 2010 - February 21, 2011	
	Class time/details on ELMs	ONLINE

ENFP629A **Selected Topics; Advanced Fire Dynamics**

ENFP629A Selected Topics: Advanced Fire Dynamics; (3 credits) Grade Method: REG/AUD.

EF01	Richard Roby, Douglas Carpenter **Meets December 6, 2010 - February 21, 2011** Class time/details on ELMs	Seats (Total: 40) ONLINE

ENFP799 **Master's Thesis Research**

ENFP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL English Winter 2011

ENGL243 **Introduction to Poetry**

ENGL243 Introduction to Poetry; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course.
How poetry works. Focus on style, subject, rhythm, voice, technique and structure. Readings from a range of cultures and communities.

0101	Lindsay Bernal MTuWThF 9:00am - 12:00pm	Seats (Total: 30) TWS 1107
0102	Jane Donawerth MTuWThF 12:00pm - 3:00pm	Seats (Total: 30) TWS 1106

ENGL329B **Special Topics in Film Studies; English Literature on Film in the Twenty-First Century**

ENGL329B Special Topics in Film Studies: English Literature on Film in the Twenty-First Century; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department.

WB11	Joseph Byrne	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ENGL362 **Caribbean Literature in English**

ENGL362 Caribbean Literature in English; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department. Political and literary traditions that intersect in the fiction, poetry, and drama written in English by Caribbean writers, primarily during the 20th century.

WB11	Merle Collins	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ENGL379D **Special Topics in Literature; Australian Literature and Culture: Aboriginal to Contemporary Contact department for information to register for this course.**

ENGL379L **Special Topics in Literature; Introduction to the Graphic Novel**

ENGL379L Special Topics in Literature: Introduction to the Graphic Novel; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: two lower-level English courses, at least one in literature; or permission of department.

WB11	Linda Macri	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

ENGL462 **Folksong and Ballad**

ENGL462 Folksong and Ballad; (3 credits) Grade Method: REG/P-F/AUD.
A cross-section of American folk and popular songs in their cultural contexts; artists from Bill Monroe to Robert Johnson.

0101	Barry Pearson	Seats (Total: 25)
	MTuWThF 9:00am - 12:00pm	TWS 1106

ENME Engineering, Mechanical Winter 2011

ENME232 **Thermodynamics**

ENME232 Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PHYS260 and PHYS261 (Formerly: PHYS262). Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.

0101	Chandrasekhar Thamire	Seats (Total: 40)
	MTuWThF 9:00am - 1:00pm	EGR 1202

ENME271 **Introduction to Matlab**

ENME271 Introduction to Matlab; (3 credits) Grade Method: REG.
Prerequisite: ENES221. Develop the skills to generate readable, compact and verifiably correct MATLAB scripts and functions to obtain numerical solutions to a wide range of engineering models and to display the results with fully annotated graphics. Learn structured programming.

0101	Tien-Mo Shih	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	KEB 2107

ENME361 **Vibration, Controls and Optimization I**

ENME361 Vibration, Controls and Optimization I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENES220, ENES221, ENME271, and MATH246. For ENME majors only. Fundamentals of vibration, controls and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical description of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Vincent Nguyen	Seats (Total: 35)
	MTuWThF 10:00am - 1:00pm	EGR 1108

ENME400 **Machine Design**

ENME400 Machine Design; (3 credits) Grade Method: REG/P-F/AUD.
Senior standing. Working stresses, stress concentration, stress analysis and repeated loadings. Design of machine elements. Kinematics of mechanisms.

0101	Thomas Beigel	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	EGR 0110

0102	Thomas Beigel MTuWThF 4:00pm - 7:00pm	Seats (Total: 30) EGR 2154

ENME414 **Computer-Aided Design**

ENME414 Computer-Aided Design; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: MATH241 or equivalent.* Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.

0101	Guangming Zhang MTuWThF 9:00am - 12:00pm	Seats (Total: 42) KEB 2111
0102	Guangming Zhang MTuWThF 12:00pm - 3:00pm	Seats (Total: 42) KEB 2111

ENME462 **Vibrations, Controls, and Optimization II**

ENME462 Vibrations, Controls, and Optimization II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: ENME351 and ENME361. Formerly ENME362. Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Nikhil Chopra MTuWThF 9:00am - 12:00pm	Seats (Total: 30) EGR 3106

ENME488 **Special Problems**

ENME488 Special Problems; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME899 **Doctoral Dissertation Research**

ENME899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENPM Engineering, Professional Masters Winter 2011

ENPM808 **Advanced Topics in Engineering**

ENPM808 Advanced Topics in Engineering; (1-3 credits) Grade Method: REG/AUD.

CP01	George Syrmos Contact instructor or department for details.	Seats (Total: 10)
EF01	Steven Gwynne, George Syrmos **Meets December 6, 2010 - February 21, 2011** Class time/details on ELMs	Seats (Total: 5) ONLINE

ENSP Environmental Science and Policy Winter 2011

ENSP386 **Internship**

ENSP386 Internship; (3-6 credits) Grade Method: REG.
Prerequisite: internship proposal approved by the specialty advisor, the director of ENSP and the student's internship sponsor.

IN01	Bruce James Contact instructor or department for details.	Seats (Total: 5)
IN24	Andrew Baldwin Contact instructor or department for details.	Seats (Total: 5)

FMSC Family Science Winter 2011

FMSC260 **Couple Relationships**

FMSC260 Couple Relationships; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: FMSC260 or FMST260. Formerly FMST260. Couple relationships and their alternatives in contemporary dating, courtship and marriage.

0101	Roger Rubin TuWTh 9:30am - 1:45pm	Seats (Total: 64) SPH 1301

FMSC330 **Family Theories and Patterns**

FMSC330 Family Theories and Patterns; (3 credits) Grade Method: REG/P-F/AUD. *Junior standing. Credit will be granted for only one of the following: FMSC330 or FMST330. Formerly FMST330.* Theory and research on the family, including a cross-cultural analysis of family patterns.

0101	Robyn Zeiger TuWTh 9:30am - 1:45pm	Seats (Total: 30) SPH 0307

FMSC341 **Personal and Family Finance**

FMSC341 Personal and Family Finance; (3 credits) Grade Method: REG/P-F/AUD. *Credit will be granted for only one of the following: FMSC341 or FMST341. Formerly FMST341.* Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security.

WB11	William Knight Class time/details on ELMs	Seats (Total: 25) ONLINE
WB21	Katherine Speirs Class time/details on ELMs	Seats (Total: 35) ONLINE

FMSC383 **Delivery of Human Services to Families**

FMSC383 Delivery of Human Services to Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC/FMST330. Credit will be granted for only one of the following: FMSC383 or FMST383. Formerly FMST383. Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families.

WB11	Lisa Benson Class time/details on ELMs	Seats (Total: 35) ONLINE

FMSC460 **Violence in Families**

FMSC460 Violence in Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100 or SOCY100 or SOCY105. Credit will be granted for only one of the following: FMSC460 or FMST460. Formerly FMST460. Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation.

WB11	Christine Schull	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

FMSC487 **Legal Aspects of Family Problems**

FMSC487 Legal Aspects of Family Problems; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: FMSC487 or FMST487. Formerly FMST487. Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life.

WB11	Kerry Tripp	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

FMSC498B **Special Topics: Family Science; Death and Loss in Family Life**

FMSC498B Special Topics: Family Science: Death and Loss in Family Life; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jinhee Kim, Kevin Roy	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

FMSC498D **Special Topics: Family Science; Credit Cards and College Students**

FMSC498D Special Topics: Family Science: Credit Cards and College Students; (1 credit) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: FMSC341 or FMSC498D.

WB11	Jinhee Kim	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

FMSC498W **Special Topics: Family Science; War and Families**

FMSC498W Special Topics: Family Science: War and Families; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Patricia Fanflik	Seats (Total: 35)
	Class time/details on ELMs	ONLINE

FMSC689 **Independent Study**

FMSC689 Independent Study; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698 **Advanced Topics in Family Science**

FMSC698 *(PermReq)* **Advanced Topics in Family Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698P **Advanced Topics in Family Science; Play Therapy**

FMSC698P *(PermReq)* **Advanced Topics in Family Science: Play Therapy; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698T **Advanced Topics in Family Science; Testing and Assessment in Couple and Family Therapy**

FMSC698T Advanced Topics in Family Science: Testing and Assessment in Couple and Family Therapy; (3 credits) Grade Method: REG/AUD.

0101	Lindsey Hoskins	Seats (Total: 20)
	MTuTh 9:00am - 1:15pm	Location: TBA

FMSC699 **Independent Study**

FMSC699 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC799 **Master's Thesis Research; Master Thesis Research**

FMSC799 Master's Thesis Research: Master Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG Geographical Sciences Winter 2011

GEOG130 **Developing Countries**

GEOG130 Developing Countries; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.

0101	Ronald Luna	Seats (Total: 25)
	MTuWTh 9:00am - 12:30pm	LEF 1220

GEOG202 **Introduction to Human Geography**

GEOG202 Introduction to Human Geography; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. USP Distributive Studies Area A: Cultural and Historical Course.
Introduction to what geographers do and how they do it. Systematic study of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"? This course will be taught online athttp://elms.umd.edu using Live Classroom software.

WB11	Martha Geores	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

GEOG306 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**

GEOG306 Introduction to Quantitative Methods for the Geographic Environmental Sciences; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as GEOG398Q. Credit will be granted for only one of the following: GEOG398Q or GEOG306. Formerly GEOG398Q. Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software. There is a $40.00 lab fee with this course. This course will be taught online at http://elms.umd.edu using Live Classroom software.

WB11	Praveen Noojipady	Seats (Total: 25)
	MTuWTh 2:00pm - 5:30pm	ONLINE

GEOG328B **Topics in Regional Geography; Geography of the Southern Caribbean**
Contact department for information to register for this course.

GEOG328G **Topics in Regional Geography; Italy: Economic History, Development, and Policy**
Contact department for information to register for this course.

GEOG372 **Remote Sensing**

GEOG372 Remote Sensing; (3 credits) Grade Method: REG/P-F/AUD.
Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships. There is a $40.00 lab fee with this course.

0101	Kusuma Prabhakara	Seats (Total: 25)
	MTuWTh 12:00pm - 4:00pm	LEF 1222

GEOG373 **Geographic Information Systems**

GEOG373 Geographic Information Systems; (3 credits) Grade Method: REG/P-F/AUD.
Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases. There is a $40.00 lab fee with this course. This course will be taught online athttp://elms.umd.edu using Live Classroom software.

WB11	John Fitzwater	Seats (Total: 35)
	MTuWTh 6:00pm - 9:30pm	ONLINE

GEOG384 **Internship in Geography I**

GEOG384 Internship in Geography I; (3 credits) Grade Method: REG/P-F.
Only GEOG384 will count toward the major requirement. Prerequisite: GEOG201/211, GEOG212, GEOG306 and (ENGL391 or ENGL393). For GEOG majors only. Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

IN01	Ronald Luna	Seats (Total: 10)
	Contact instructor or department for details.	

GEOG435 **Population Geography**

GEOG435 Population Geography; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: GEOG422 or GEOG435. Formerly GEOG422. The spatial characteristics of population distribution and growth, migration, fertility and mortality from a global perspective. Basic population-environmental relationships; carrying capacity, density, relationships to national development.

0101	Mila Zlatic	Seats (Total: 25)
	MTuWTh 9:00am - 12:30pm	LEF 1221

GEOG498 **Topical Investigations**

GEOG498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG676 **Programming for GIS**
Contact department for information to register for this course.

GEOG677 **Internet GIS**
Contact department for information to register for this course.

GEOG789 **Independent Readings**
Contact department for information to register for this course.

GEOG797 **Professional Project**
Contact department for information to register for this course.

GVPT Government and Politics Winter 2011

GVPT170 **American Government**

GVPT170 American Government; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
A comprehensive study of national government in the United States.

WB11	Brittany Bramlett	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT241 **The Study of Political Philosophy: Ancient and Modern**

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT100. For GVPT majors only. Examines some of the salient continuities and breaks between the ancient and modern traditions in Western political philosophy.

0101	James Glass	Seats (Total: 75)
	TuWThF 1:30pm - 4:45pm	TYD 0117

GVPT309F **Topics in International Relations; Chile: Chilean Literature, Democracy and Social Change**
Contact department for information to register for this course.

GVPT309G **Topics in International Relations; Egypt: A Literary Journey**
Contact department for information to register for this course.

GVPT309R **Topics in International Relations; Life and Death Politics: Poverty, Public Health and Human Rights**

GVPT309R Topics in International Relations: Life and Death Politics: Poverty, Public Health and Human Rights; (3 credits) Grade Method: REG/P-F/AUD.
In studying government and politics, it can be easy to forget that the political structures and behavior we examine have real-world implications for individual citizens. This class looks at three core issues where politics can be a matter of life and death: poverty, public health, and human rights.

WB11	Michael McDonald	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT359A **Topics in Comparative Politics; South Africa: International Human Rights - Apartheid and HIV/AIDS**
Contact department for information to register for this course.

GVPT359X **Topics in Comparative Politics; South Africa: International Human Rights - Apartheid and HIV/AIDS**
Contact department for information to register for this course.

GVPT388S **Mock UN and Organization of American States**

GVPT388S Mock UN and Organization of American States; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Restricted to College Park Scholars-International Studies.

WB11	Carmen Deanna, Javiera Alarcon	Seats (Total: 20)
	Class time/details on ELMs	ONLINE

GVPT388T **Topical Investigations; Germany in the New Europe: Politics, Business, and Culture**
Contact department for information to register for this course.

GVPT399J **Seminar in Government and Politics; Italy: Economic History, Development, and Policy**

Contact department for information to register for this course.

GVPT409C **Seminar in International Relations and World Politics; Terror, Insurgency and War**

GVPT409C Seminar in International Relations and World Politics: Terror, Insurgency and War; (3 credits) Grade Method: REG/P-F/AUD.
This course explores the strategies of modern asymmetric conflicts, focusing on relatively weak combatants such as terrorists, guerrillas, and insurgents, from Che Guevara to Osama bin Laden. After studying strategy in the first half, the second part of the course will apply these lessons to analyze the current conflicts in Afghanistan and Iraq, and the war between the United States and al Qaeda.

WB11	Nicholas Grossman	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT409J **Seminar in International Relations and World Politics; Multi-Track Diplomacy and Conflict Transformation**

GVPT409J Seminar in International Relations and World Politics: Multi-Track Diplomacy and Conflict Transformation; (3 credits) Grade Method: REG/P-F/AUD.
The course will also meet on Friday, 1/21/11 from 6pm-9:00pm. GVPT409K is strongly recommended as a concurrent course. Click here for more information.

0101	John Davies	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

GVPT409K **Seminar in International Relations and World Politics; Workshop in Citizens' Diplomacy**

GVPT409K Seminar in International Relations and World Politics: Workshop in Citizens' Diplomacy; (3 credits) Grade Method: REG/P-F/AUD.
Two consecutive weekend workshops: January 7-9 and 14-16 (snow days are January 22-23 if needed).Students should contact their college advisor to obtain permission to register for both GVPT409K and GVPT409J. GVPT409J is strongly recommended as a concurrent class. Click here for more information.

0101	Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

GVPT459N **Seminar in Comparative Politics; Politics of the Middle East and North Africa**

GVPT459N Seminar in Comparative Politics: Politics of the Middle East and North Africa; (3 credits) Grade Method: REG/P-F/AUD.

This course offers an overview of the contemporary politics of the Middle East and North Africa including the historical conditions that shaped today's political systems, different political economic trends such as oil & democracy, and society-level politics such as political Islam and civil society. We end the course with a discussion of the Middle East's so-called democratic deficit, a subject area that bridges academia with policy implications.

WB11	Laryssa Chomiak	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT479W **Seminar in American Politics; Women, Politics and the Family**

GVPT479W Seminar in American Politics: Women, Politics and the Family; (3 credits) Grade Method: REG/P-F/AUD.

This online course explores philosophical and policy arguments about identity and citizenship through debates about work, family and children. Students will gain a foothold in contemporary feminism, including arguments about culture, masculinity and intersectionality, as well as an understanding of where these debates come from.

WB11	Alison Staudinger	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

GVPT808J **Selected Topics in Functional Problems in International Relations; Multi-Track Diplomacy and Conflict Transformation**

GVPT808J Selected Topics in Functional Problems in International Relations: Multi-Track Diplomacy and Conflict Transformation; (3 credits) Grade Method: REG/AUD.

The course will also meet on Friday, 1/21/11 from 6pm-9:00pm. GVPT808K is strongly recommended as a concurrent course. Click here for more information.

0101	John Davies	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

GVPT808K **Selected Topics in Functional Problems in International Relations; Workshop in Citizens' Diplomacy**

GVPT808K Selected Topics in Functional Problems in International Relations: Workshop in Citizens' Diplomacy; (3 credits) Grade Method: REG/AUD.
Two consecutive weekend workshops: January 7-9 and 14-16 (snow days are January 22-23 if needed). GVPT808J is strongly recommended as a concurrent class. Click here for more information.

0101	Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

GVPT898 **Pre-Candidacy Research**

GVPT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP Hearing and Speech Sciences Winter 2011

HESP386 **Experiential Learning**

HESP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Prerequisite: permission of department. Junior standing.

0116	Nan Ratner	Seats (Total: 10)
	Contact instructor or department for details.	
0117	Kathleen Skinker	Seats (Total: 10)
	Contact instructor or department for details.	
0132	Wei Tian	Seats (Total: 10)
	Contact instructor or department for details.	

HESP498F **Seminar; Communication and Autism Spectrum Disorders**

HESP498F Seminar: Communication and Autism Spectrum Disorders; (3 credits) Grade Method: REG/P-F/AUD.

0101	Vivian Sisskin	Seats (Total: 5)
	MTuWTh 1:00pm - 4:30pm	LEF 0135

HESP499 **Independent Study**

HESP499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP638 **Research Practicum**

HESP638 Research Practicum; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP639 **Special Topics in Hearing and Speech Sciences; Medical Speech-Language Pathology: Tracheostomy & Ventilator Dependence and Head and Neck Cancer**

HESP639 Special Topics in Hearing and Speech Sciences: Medical Speech-Language Pathology: Tracheostomy & Ventilator Dependence and Head and Neck Cancer; (3 credits) Grade Method: REG/AUD.
This course will be held at Johns Hopkins and registered students should contact the department for further information.

0101	Kimberly Webster, Donna Tippett	Seats (Total: 10)
	MTuWThF 2:00pm - 5:00pm	Location: TBA
	This section is co-taught by Donna Tippett and Kimberly Webster.	

HESP639F **Special Topics in Hearing and Speech Sciences; Communication and Autism Spectrum Disorders**

HESP639F Special Topics in Hearing and Speech Sciences: Communication and Autism Spectrum Disorders; (3 credits) Grade Method: REG/AUD.

0101	Vivian Sisskin	Seats (Total: 20)
	MTuWTh 1:00pm - 4:30pm	LEF 0135

HESP639M **Special Topics in Hearing and Speech Sciences; Matlab Workshop**

HESP639M Special Topics in Hearing and Speech Sciences: Matlab Workshop; (2 credits) Grade Method: REG.

0101	Sandeep Phatak MW 4:30pm - 7:00pm	Seats (Total: 20) Location: TBA

HESP649A **Clinical Practice in Audiology; Diagnostic Audiology**

HESP649A Clinical Practice in Audiology: Diagnostic Audiology; (1-2 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP658B **Special Clinical Topics in Hearing and Speech; Supervision Seminar**

HESP658B Special Clinical Topics in Hearing and Speech: Supervision Seminar; (1 credit) Grade Method: REG.

0101	Margaret McCabe TuTh 2:00pm - 4:30pm	Seats (Total: 15) LEF 0136

HESP708 **Independent Study**

HESP708 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP799 **Master's Thesis Research**

HESP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP829 **Clinical Internship Residency**

HESP829 Clinical Internship Residency; (3-9 credits) Grade Method: REG/AUD.

IN13	Margaret McCabe Contact instructor or department for details.	Seats (Total: 10)

HESP849 **Capstone Research Project I**

HESP849 Capstone Research Project I; (2 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP859 **Capstone Research Project II**

HESP859 Capstone Research Project II; (1-2 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP889 **Doctoral Candidacy Research**

HESP889 Doctoral Candidacy Research; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP898 **Pre-Candidacy Research**

HESP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST History Winter 2011

HIST219K **London and the British Empire, 1500-1850**
Contact department for information to register for this course.

HIST219N **Sex and Society in Traditional Europe**

HIST219N Sex and Society in Traditional Europe; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.

WB11	Philip Soergel	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST328G **Selected Topics in History; Napoleon, France and the World**

HIST328G Selected Topics in History: Napoleon, France and the World; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Donald Sutherland Class time/details on ELMs	Seats (Total: 40) ONLINE

HIST329K **Special Topics in History; History of Rock 'n' Roll, 1950-2000**

HIST329K Special Topics in History: History of Rock 'n' Roll, 1950-2000; (3 credits) Grade Method: REG/P-F/AUD.

0101	Andrew Kellett MTuWThF 1:00pm - 4:00pm	Seats (Total: 35) KEY 0103

HIST329N **Special Topics in History; Chile: Chilean Literature, Democracy and Social Change**
Contact department for information to register for this course.

HIST357 **Recent America: 1945-Present**

HIST357 Recent America: 1945-Present; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST157, HIST211, HIST213, HIST222, HIST255, HIST265, or HIST275; or permission of instructor.* American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.

WB11	Edwin Smead Class time/details on ELMs	Seats (Total: 25) ONLINE

HIST360 **Women and the Civil Rights Movement**

HIST360 Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Twentieth century U.S. civil rights movement from the vantage point of women, considering both women's involvement in the legal campaigns and political protests and the impact of civil rights struggles on women's condiition, status, and identity. This course is taught entirely online. Please make sure your email address is listed correctly in Testudo. You may contact the instructor with questions at barkleyb@umd.edu.This course is also offered as AASP498I and WMST498M.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

HIST419A **Special Topics in History; The English Civil War and Beyond**

HIST419A Special Topics in History: The English Civil War and Beyond; (3 credits) Grade Method: REG/P-F/AUD.

0101	Sabrina Baron	Seats (Total: 40)
	MTuWThF 9:00am - 12:00pm	KEY 0116

HIST419N **Special Topics in History; America's "Baddest" Decade and It's Cinematic Imagination: Cinema and Society in the 1970's**

HIST419N Special Topics in History: America's "Baddest" Decade and It's Cinematic Imagination: Cinema and Society in the 1970's; (3 credits) Grade Method: REG/P-F/AUD.

0101	Saverio Giovacchini	Seats (Total: 40)
	MTuWThF 1:30pm - 4:30pm	KEY 0116

HIST429F **Holocasut and Film**

HIST429F Holocasut and Film; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
An exploration of films about the Holocaust, focusing on both narrative and documentary styles. Topics of discussion, reading and writing will include the ethics and the efficacy of representation.Also offered as JWST429F and CMLT498J.

0101	Eliyana Adler	Seats (Total: 20)
	MTuWTh 6:00pm - 9:30pm	SYM 0209

HLTH Health Winter 2011

HLTH106 **Drug Use and Abuse**

HLTH106 Drug Use and Abuse; (3 credits) Grade Method: REG/P-F/AUD.
An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.

WB11	Jennifer Hodgson	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

HLTH140 **Personal and Community Health**

HLTH140 Personal and Community Health; (3 credits) Grade Method: REG/P-F/AUD.
Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.

WB11	Elizabeth Dalianis	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

HLTH377 **Human Sexuality**

HLTH377 Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.

WB11	Robin Sawyer	Seats (Total: 200)
	Class time/details on ELMs	ONLINE

HLTH389 **Topical Investigations; Topical Investigations**

HLTH389 Topical Investigations: Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH389S **Topical Investigations; South Africa: International Human Rights - Apartheid and HIV/AIDS**
Contact department for information to register for this course.

HLTH389X **Topical Investigations; South Africa: International Human Rights - Apartheid and HIV/AIDS**
Contact department for information to register for this course.

HLTH471 **Women's Health**

HLTH471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as WMST471. Credit will be granted for only one of the following: HLT471 or WMST471. The historical, physiological, psychological, and sociological mechanisms which contribute to women's health. Topics will include gynecological concerns and reproductive health; nutrition, exercise; violence; substance use/abuse; and the health of special populations.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	SPH 1303

HLTH489 **Field Laboratory Projects and Workshop**

HLTH489 Field Laboratory Projects and Workshop; (1-6 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH489I **Field Laboratory Projects and Workshop; East Meets West: Contrasting Public Health Priorities, Pragmatics and Polemics in the U.S. and India**
Contact department for information to register for this course.

HLTH498A **Special Topics in Health; Massage Therapy and Stress**

HLTH498A Special Topics in Health: Massage Therapy and Stress; (3 credits) Grade Method: REG/P-F/AUD.

0101	Geoffrey Gilbert	Seats (Total: 30)
	MWF 1:00pm - 5:10pm	SPH 0107

HLTH498T **Special Topics in Health; Medical Terminology**

HLTH498T Special Topics in Health: Medical Terminology; (3 credits) Grade Method: REG/P-F/AUD.
This on-line course is designated to improve medical terminology vocabul ary skills. Prepares students for advanced professional preparation cour ses by incorporating content taught in advanced medical and scientific c ourses. The syllabus and directions for starting the course will be emai led on January 5th at the latest.

WB11	David Hyde	Seats (Total: 150)
	Class time/details on ELMs	ONLINE

HLTH688W **Special Problems in Health Education; Information Management for Public Health Professionals**

HLTH688W Special Problems in Health Education: Information Management for Public Health Professionals; (3 credits) Grade Method: REG/AUD.

PL01	Chiehwen Hsu	Seats (Total: 30)
	Meets November 30, 2010 - February 19, 2011	
	Class time/details on ELMs	ONLINE

HLTH688X **Special Problems in Health Education; South Africa: International Human Rights - Apartheid and HIV/AIDS**
Contact department for information to register for this course.

HLTH688Y **Special Problems in Health Education; Advanced Health Informatics**

HLTH688Y Special Problems in Health Education: Advanced Health Informatics; (3 credits) Grade Method: REG/AUD.

PL01	Chiehwen Hsu	Seats (Total: 30)
	Meets November 30, 2010 - February 19, 2011	
	Class time/details on ELMs	ONLINE

JOUR Journalism Winter 2011

JOUR175 **Media Literacy**

JOUR175 Media Literacy; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. CORE Diversity (D) Course.
Not applicable toward journalism major. An analysis of the information, values and underlying messages conveyed via television, newspapers, the internet, magazines, radio and film. Examines the accuracy of those messages and explores how media shape views of politics, culture and society.

0101	Susan Moeller	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	KNI 1103

JOUR181 **Grammar for Journalists**

JOUR181 Grammar for Journalists; (1 credit) Grade Method: REG/P-F.
Pre- or corequisite: JOUR100. Credit will be granted for only one of the following: ENGL181, ENGL281, or JOUR181. An examination of the basic structure of written English needed for precise journalistic writing. Parts of speech, sentence patterns, standard punctuation, diction, and usage will be examined with an emphasis on its application in journalism. Contact Student Services at (301) 405-2399 for permission to register.

0101	Nabila Hijazi	Seats (Total: 31)
	MWF 2:00pm - 3:40pm	TWS 0236

JOUR199 **Survey Apprenticeship**

JOUR199 Survey Apprenticeship; (1 credit) Grade Method: S-F.

0101	Christine Harvey	Seats (Total: 20)
	Contact instructor or department for details.	

JOUR452 **Women in the Media**

JOUR452 Women in the Media; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Junior standing. Also offered as WMST452. Credit will be granted for only one of the following: JOUR452 or WMST452. Participation and portrayal of women in the mass media from colonial to contemporary times.

0101	Marlene Cimons	Seats (Total: 27)
	MTuWThF 4:00pm - 7:00pm	KNI 1103

JOUR459J **Special Topics in Journalism; Photography and the Photo Essay**

JOUR459J Special Topics in Journalism: Photography and the Photo Essay; (3 credits) Grade Method: REG/P-F/AUD.

0101	Susan Moeller	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	KNI 2103

JOUR479W **Special Topics in Data Gathering and Analysis; History as Context for Emerging Media in Journalism**

JOUR479W Special Topics in Data Gathering and Analysis: History as Context for Emerging Media in Journalism; (3 credits) Grade Method: REG.
Students will explore the interplay of continuity and change in journalistic uses of emerging media, including the degree to which theseare consistent with -- or a departure from -- much older practices and values in the gathering and exhange of news. See: http://jclass.umd.edu/cars/479W/description.htm

0101	Ira Chinoy	Seats (Total: 18)
	MTuWTh 9:00am - 12:30pm	KNI 2107

JWST Jewish Studies Winter 2011

JWST319T **Special Topics in Jewish Studies; Culture in Tel Aviv: 100 Years of Hebrew Israeli Culture Contact department for information to register for this course.**

JWST429F **Holocaust and Film**

JWST429F Holocaust and Film; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
An exploration of films about the Holocaust, focusing on both narrative and documentary styles. Topics of discussion, reading and writing will include the ethics and the efficacy of representation. Also offered as CMLT498J and HIST 429F.

0101	Eliyana Adler	Seats (Total: 20)
	MTuWTh 6:00pm - 9:30pm	SYM 0209

KNES Kinesiology Winter 2011

KNES161N **Physical Education Activities: Coed; Conditioning (Beginning)**

KNES161N Physical Education Activities: Coed: Conditioning (Beginning); (1 credit) Grade Method: REG/P-F.

0101	Michael Marini MTuWTh 9:30am - 11:45am	Seats (Total: 25) SPH 0103	
0102	Erik Hanson MTuWTh 1:00pm - 3:15pm	Seats (Total: 25) SPH 0103	

KNES161O **Physical Education Activities: Coed; Conditioning (Intermediate)**

KNES161O Physical Education Activities: Coed: Conditioning (Intermediate); (1 credit) Grade Method: REG/P-F.

0101	Michael Marini MTuWTh 9:30am - 11:45am	Seats (Total: 25) SPH 0103	
0102	Erik Hanson MTuWTh 1:00pm - 3:15pm	Seats (Total: 25) SPH 0103	

KNES161T **Physical Education Activities: Coed; Yoga (Beginning)**

KNES161T Physical Education Activities: Coed: Yoga (Beginning); (1 credit) Grade Method: REG/P-F/AUD.

0101	Sheree Mullen MWF 1:45pm - 4:30pm	Seats (Total: 25) SPH 0128	Lab
0102	Sheree Mullen MWF 8:30am - 11:15am	Seats (Total: 25) SPH 0128	Lab

KNES260 **Science of Physical Activity and Cardiovascular Health**

KNES260 Science of Physical Activity and Cardiovascular Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.
Course details (1) the public health importance of and the processes underlying cardiovascular disease, (2) the risk factors for cardiovascular disease and the methods whereby they were identified, and (3) the principles of the scientific evidence supporting the use of physical activity to prevent cardiovascular disease.

WB11	James Hagberg	Seats (Total: 50)
	Class time/details on ELMs	ONLINE
	Students will meet in class on 01/21/11 from 12:00-3:00pm for the final examination.	

KNES287 **Sport and American Society**

KNES287 Sport and American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course.
Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.

WB11	Bryan Clift	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES289 **Topical Investigations**

KNES289 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES293 **History of Sport in America**

KNES293 History of Sport in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course.
The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement. All sessions are taught on-line.

WB11	Damion Thomas	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

KNES350 **The Psychology of Sports**

KNES350 The Psychology of Sports; (3 credits) Grade Method: REG/P-F/AUD. An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

WB11	Mark Saffer	Seats (Total: 50)
	Contact instructor or department for details.	

KNES370 **Motor Development**

KNES370 Motor Development; (3 credits) Grade Method: REG/P-F/AUD. Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development. Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscula system; analysis of the underlying mechanisms of motor skill development; andcorrelates of motor development. This course will meet on-line.

WB11	Marcio Oliveira	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES385 **Motor Control and Learning**

KNES385 Motor Control and Learning; (3 credits) Grade Method: REG/P-F. Physiological and cognitive bases for motor control and their applications to the acquisition of movement skills and understanding of movement disorders. Topics include: neurophysiology, motor control theory, sensory/perceptual processes, perception-action coupling, information processing, memory, attention, individual differences, motivation, practice organization and role of feedback. This course will meet ON-LINE. The only date that the students will meet in class will be on 01/21/11 from 12:00pm to 3:00pm for the final examination.

WB11	Bradley King	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES389 **Topical Investigations**

KNES389 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES389K **Topical Investigations; Kinesiological Science Internship**

KNES389K *(PermReq)* **Topical Investigations: Kinesiological Science Internship; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES462 **Neural Basis of Human Movement**

KNES462 Neural Basis of Human Movement; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisites: {BSCI201; and BSCI202; and KNES385} or permission of department. An introduction to the neural substrates which underlie postural and volitional movement. Neuroanatomical and neurophysiological basis of motor functioning; past and present conceptualizations of motor control and coordination; movement disorders; and maturation of the neuromuscular system.

WB11	Rodolphe Gentili	Seats (Total: 50)
	Class time/details on ELMs	ONLINE

KNES485 **Sport and Globalization**

KNES485 Sport and Globalization; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES287. Junior standing. Credit will be granted for only one of the following: KNES485 and KNES498T. Formerly KNES498T. Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures. All sessions are on-line.

WB11	David Andrews	Seats (Total: 75)
	Class time/details on ELMs	ONLINE

KNES498 **Special Topics in Kinesiology**

KNES498 *(PermReq)* **Special Topics in Kinesiology; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES689 **Special Problems in Kinesiology**

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES799 **Master's Thesis Research**

KNES799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES899 **Doctoral Dissertation Research**

KNES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC Library Science Winter 2011

LBSC690 **Information Technology**

LBSC690 Information Technology; (3 credits) Grade Method: REG/AUD. *Prerequisite: permission of department.* Human-centered design issues, implementation and technical issues, and application and sociotechnical issues of information technology; emerging information technologies.

0101	Jennifer Golbeck	Seats (Total: 22)
	Contact instructor or department for details.	

LBSC708S **Special Topics in Information Studies; International Opportunities in Information Studies: Destination Nicaragua**

Contact department for information to register for this course.

LBSC709 **Independent Study**

LBSC709 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING Linguistics Winter 2011

LING200 **Introductory Linguistics**

LING200 Introductory Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Does not count toward the Linguistics major and does not fulfill prerequisite requirements for all upper-level courses. Not open to students who have completed HESP120. Credit will be granted for only one of the following: HESP120 or LING200. An exploration of the nature of human language, designed for non-majors. Introduction to the basic concepts and methodology of modern linguistic analysis (sound systems, word formation, sentence structure). Additional topics may include: semantics, pragmatics, social aspects of language, dialects, language change, acquisition, writing systems, typology, language universals, comparison with other communication systems, etc.

0101	Shiti Malhotra	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	TLF 1101

LING240 **Language and Mind**

LING240 Language and Mind; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Required for LING majors and recommended for students in related fields.. The study of language as a cognitive phenomenon. Focus on mastering the concepts and technical skills required for further courses in linguistics. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Additional topics may include: animal communication, language and the brain, language and thought.

0101	Ilknur Oded	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	KEY 0119

LING499 **Directed Studies in Linguistics**

LING499 Directed Studies in Linguistics; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING689 **Independent Study**

LING689 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING698 **Directed Study**

LING698 Directed Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING798 **Research Papers in Linguistics**

LING798 Research Papers in Linguistics; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING799 **Master's Thesis Research**

LING799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING889 **Directed Research**

LING889 Directed Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING895 **Doctoral Research Paper**

LING895 Doctoral Research Paper; (6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING896 **Research Paper in Minor Area**

LING896 Research Paper in Minor Area; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: LING 895. This course is designed to strengthen the students' ability to do research in a minor area of expertise, and to help them create a publishable piece. In addition, the course constitutes part of a set of requirements to advance to doctoral candidacy.

Contact department for information to register for this course.

LING898 **Pre-Candidacy Research**

LING898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING899 **Doctoral Dissertation Research**

LING899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH Mathematics Winter 2011

MATH307 **A Condensed Introduction to Analysis**

MATH307 A Condensed Introduction to Analysis; (2 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241. Recommended: MATH240 or MATH461. Math majors may not use this course to satisfy an upper-level requirement. Credit will be granted for only one of the following: MATH307 or MATH310. A preparation for proofs and concepts in MATH410. Students develop proof-writing skills as the material covers background and key ideas for MATH410 including logic of proofs, induction and convergence concepts.

0101	Kathryn Truman	Seats (Total: 30)
	MTuWThF 10:00am - 12:00pm	MTH 1313

MATH498A **Selected Topics in Mathematics**

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH899 **Doctoral Dissertation Research**

MATH899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC School of Music Winter 2011

MUSC130 **Survey of Music Literature**

MUSC130 Survey of Music Literature; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Open to all students except music and music education majors. A study of the principles upon which music is based, and an introduction to the musical repertory performed in America today.

0101	Jennifer Kobuskie	Seats (Total: 25)
	MTuWThF 12:00pm - 3:00pm	PAC 2160

MUSC205 **History of Popular Music, 1950-Present**

MUSC205 History of Popular Music, 1950-Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
A historical survey of rock music (blues, rock, soul, metal, rap, etc.) from circa 1950 to the present, with emphasis on popular music as music and popular music as social history.

0101	Robert Lintott	Seats (Total: 30)	
	MTuWThF 10:00am - 1:00pm	PAC 3160	

NFSC Nutrition and Food Science Winter 2011

NFSC100 **Elements of Nutrition**

NFSC100 Elements of Nutrition; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.
Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.

0101	Wen Hsing Cheng	Seats (Total: 25)	
	MTuWThF 10:00am - 12:00pm	SKN 0101	
	MTuWThF 12:00pm - 1:00pm	SKN 0101	Discussion

NFSC112 **Food: Science and Technology**

NFSC112 Food: Science and Technology; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course.
Introduction to the realm of food science, food technology and food processing. An overview of the largest industry in the U.S. with emphasis on the science of food and the technology of food preservation from harvest through processing and packaging to distribution and consumer utilization.

0101	Herman Lutterodt	Seats (Total: 35)	
	MTuWThF 1:00pm - 3:00pm	MMH 0108	
	MTuWThF 3:00pm - 4:00pm	MMH 0108	Discussion

NFSC386 **Experiential Learning**

NFSC386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: permission of department. Formerly FDSC386 and NUTR386. Junior standing.*

Contact department for information to register for this course.

NFSC399 **Special Problems in Food Science**

NFSC399 Special Problems in Food Science; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC498 **Selected Topics**

NFSC498 Selected Topics; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC799 **Master's Thesis Research**

NFSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHIL Philosophy Winter 2011

PHIL100 **Introduction to Philosophy**

PHIL100 Introduction to Philosophy; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
An introduction to the literature, problems, and methods of philosophy either through a study of some of the main figures in philosophic thought or through an examination of some of the central and recurring problems of philosophy. Section will meet entirely online. Students should contact the instructor at thedave@umd.edu if there are any questions. Click here for more course information.

WB11	Ryan Fanselow	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

PHIL140 **Contemporary Moral Issues**

PHIL140 Contemporary Moral Issues; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice. This course will meet entirely online. Students should contact the instructor at mebbers@umd.edu . Click here for more course information.

WB11	Melissa Ebbers	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

PHIL170 **Introduction to Logic**

PHIL170 Introduction to Logic; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns. Section will meet entirely online. Students should contact the instructor at eeaker@umd.edu if there are any questions. Click here for more course information.

WB11	Erin Eaker	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

PHIL328P **Studies in the History of Philosophy; Plato: The Republic**

PHIL328P Studies in the History of Philosophy: Plato: The Republic; (3 credits) Grade Method: REG/P-F/AUD.

WB11	David McElhoes	Seats (Total: 30)
	Class time/details on ELMs	ONLINE

PORT Portuguese Winter 2011

PORT405 **Portuguese for Spanish Speakers**

PORT405 Portuguese for Spanish Speakers; (3 credits) Grade Method: REG/P-F/AUD.
Intensive basic grammar, reading and auditory comprehension. Native or acquired fluency in Spanish required.

0101	Regina Igel	Seats (Total: 20)
	MTuWTh 1:00pm - 4:30pm	JMZ 3205

PSYC Psychology Winter 2011

PSYC100 **Introduction to Psychology**

PSYC100 Introduction to Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.

0101	Barry Smith	Seats (Total: 70)
	MTuWThF 9:00am - 12:00pm	BPS 1243

PSYC221 **Social Psychology**

PSYC221 Social Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
Prerequisite: PSYC100. The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, person perception, interpersonal attraction, and group behavior.

0101	Ryan Curtis	Seats (Total: 20)
	MTuWThF 12:00pm - 2:40pm	BPS 1236

PSYC309S **Special Topics in Psychology; South Africa: International Human Rights - Apartheid and HIV/AIDS**
Contact department for information to register for this course.

PSYC432 **Introduction to Counseling Psychology**

PSYC432 Introduction to Counseling Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: nine hours in psychology including PSYC200. Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

0101	Jingqing Liu	Seats (Total: 20)
	MTuWThF 9:00am - 12:00pm	BPS 1232

PSYC437 **The Assessment and Treatment of Addictive Behaviors**

PSYC437 The Assessment and Treatment of Addictive Behaviors; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100 and an additional six credits in psychology. Not open to students who have completed PSYC309E during a previous Winterterm semester. Credit will be granted for only one of the following: PSYC309E (taken in the Winterterm) or PSCY437. Formerly PSYC309E. Explores the current research in assessment and treatment of addictive behaviors. Topics may include addictions in the areas of alcohol, drugs, nicotine, gambling, and eating. Click here for more information.

0101	Carl Lejuez, Laura MacPherson	Seats (Total: 35)
	MTuWTh 1:00pm - 4:20pm	BPS 1124

PSYC478 **Independent Study in Psychology**

PSYC478 *(PermReq)* **Independent Study in Psychology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC479 **Special Research Problems in Psychology**

PSYC479 Special Research Problems in Psychology; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC799 **Master's Thesis Research**

PSYC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF Public Policy Winter 2011

PUAF359T **Contemporary Issues in Political Leadership and Participation; Public Leadership in Non-U.S. Cultures**

Contact department for information to register for this course.

PUAF711 **Public Management and Leadership**

PUAF711 Public Management and Leadership; (3 credits) Grade Method: REG/AUD.

For PUAF majors only or permission of department. Reviews the managerial, political, and ethical problems faced by public sector managers and leaders, including setting an organization's goals, obtaining and protecting a program mandate, designing a service delivery system and implementing a new program.

0101	Elizabeth Duke	Seats (Total: 20)
	MTuWTh 9:45am - 1:00pm	VMH 1107

PUAF798A **Readings in Public Policy**

PUAF798A Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF798T **Readings in Public Policy; Public Leadership in Non-U.S. Cultures**

Contact department for information to register for this course.

PUAF798Y **Readings in Public Policy; Non-Profit Management**

PUAF798Y Readings in Public Policy: Non-Profit Management; (3 credits) Grade Method: REG/AUD.

0101	Robert Grimm	Seats (Total: 20)
	MTuWTh 1:30pm - 4:45pm	VMH 1203

RDEV Real Estate Development Winter 2011

RDEV688E **Selected Topics in Real Estate Development; Resolving Conflict and Negotiating Agreements**

RDEV688E *(PermReq)* **Selected Topics in Real Estate Development: Resolving Conflict and Negotiating Agreements; (3 credits)** Grade Method: REG/AUD.

0101	Charles Field	Seats (Total: 30)
	Su 9:00am - 5:00pm	ARC 1103
	MWF 6:30pm - 9:30pm	ARC 1103

RDEV688T **Selected Topics in Real Estate Development; Planning, Design and Development Seminar Abroad**

Contact department for information to register for this course.

RDEV689L **Current Topics in Real Estate Development; Risk Management for Real Estate Developers**

RDEV689L *(PermReq)* **Current Topics in Real Estate Development: Risk Management for Real Estate Developers; (3 credits)** Grade Method: REG/AUD. This course will meet for three Saturdays (1/8, 1/15,1/22). Please contact the instructo r for details.

0101	Robert Wertheimer	Seats (Total: 30)
	MTuWTh 6:30pm - 9:30pm	ARC 1101
	Sa 9:00am - 1:00pm	ARC 1103

RDEV689T **Current Topics in Real Estate Development; Planning, Design and Development Seminar Abroad**

Contact department for information to register for this course.

RUSS Russian Winter 2011

RUSS403 **Russian Conversation: Advanced Skills**

RUSS403 *(PermReq)* **Russian Conversation: Advanced Skills; (3 credits)** Grade Method: REG/P-F/AUD.

Prerequisite: RUSS303 or equivalent. Advanced spoken production of high-level, abstract language. Permission required.

0101	Leysan Khakimova	Seats (Total: 10)
	MTuWThF 9:00am - 12:00pm	JMZ 1117

SLLC School of Languages, Literatures and Cultures — Winter 2011

SLLC283 **Introduction to Cinema Studies**

SLLC283 Introduction to Cinema Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course.
Three hours of lecture and two hours of laboratory (viewing films) per week.
Introduction to the critical study of film, focusing on cinema from myriad cultures in Europe, the Americas, Asia, and Africa, with special attention to form analysis and the way that form affects and creates cultural meaning in such contexts as gender, race, colonialism, political ideology, and technology.

0101	Eric Zakim	Seats (Total: 35)
	MTuWThF 12:00pm - 3:00pm	HBK 1112

SOCY Sociology — Winter 2011

SOCY100 **Introduction to Sociology**

SOCY100 Introduction to Sociology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
The fundamental concepts and principles of sociology. Includes consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and social change.

0101	Joseph Lengermann	Seats (Total: 40)
	MTuWThF 9:00am - 12:00pm	ASY 3207

SOCY230 **Sociological Social Psychology**

SOCY230 Sociological Social Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change.

0101	Jeffrey Lucas	Seats (Total: 30)
	MTuWThF 12:00pm - 3:00pm	ASY 3207

SOCY305 **Scarcity and Modern Society**

SOCY305 Scarcity and Modern Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: three credits of sociology.* Resource depletion and the deterioration of the environment. Relationship to lifestyles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the futurist literature.

0101	Kurt Finsterbusch	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	ASY 3203

SOCY398B **Special Topics in Sociology; Transformation of Korean Society: Gender, Culture and Political Economy**
Contact department for information to register for this course.

SOCY441 **Social Stratification and Inequality**

SOCY441 Social Stratification and Inequality; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: six credits of sociology or permission of department. Junior standing. The sociological study of social class, status, and power. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility.

0101	John Pease	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	ASY 3203

SOCY443 **The Family and Society**

SOCY443 The Family and Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: six credits of sociology or permission of department.* Study of the family as a social institution; its biological and cultural foundations, historical development, changing structures and functions, the interaction of marriage and parenthood, disorganizing and reorganizing factors in present-day trends.

0101	Linda Moghadam	Seats (Total: 30)
	MTuWThF 9:00am - 12:00pm	ASY 3219

SOCY498W **Selected Topics in Sociology; Argentina: Politics of Globalization**

Contact department for information to register for this course.

SOCY699I **Special Social Problems; Statistical Techniques**

SOCY699I Special Social Problems: Statistical Techniques; (3 credits) Grade Method: REG/AUD.

0101	Alan Neustadtl	Seats (Total: 15)
	MTuWThF 1:00pm - 4:00pm	ASY 2115

SPAN Spanish Winter 2011

SPAN103 **Intensive Elementary Spanish**

SPAN103 Intensive Elementary Spanish; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Appropriate Foreign Language Placement Testing (FLPT) score. Not open to students who (1) have completed SPAN101 and SPAN102, (2) placed in higher level course because of FLPT, or (3) are heritage/native speakers of Spanish. Credit will be granted for only one of the following: SPAN102 or SPAN103.* Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Maria Munoz	Seats (Total: 25)
	MTuWThF 9:00am - 12:30pm	JMZ 2122

SPAN203 **Intensive Intermediate Spanish**

SPAN203 Intensive Intermediate Spanish; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: SPAN103 or equivalent. Not open to students who have completed four years of high school Spanish or to fluent/native speakers of Spanish. Credit will be granted for only one of the following: SPAN201 or SPAN203. Formerly SPAN201. Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Evelyn Canabal-Torres	Seats (Total: 25)
	MTuWThF 9:00am - 12:30pm	JMZ 3205
0102	Leonardo Solano Moraga	Seats (Total: 25)
	MTuWThF 9:00am - 12:30pm	JMZ 2117

SPAN222 **Cultural Difference in Contemporary Latin America**

SPAN222 Cultural Difference in Contemporary Latin America; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. Introduction to representations and expressions in Latin America: cultural stereotypes, representations of difference, forms of discrimination, sublimation of difference into national identity, and the staging of the other. Taught in English.

0101	Rocio Gordon	Seats (Total: 25)
	MTuWTh 1:00pm - 4:30pm	JMZ 1117

SPAN225 **Cultures of the Contact Zones - Seville, Al-Andalus and the Atlantic World**
Contact department for information to register for this course.

SPAN301 **Advanced Grammar and Composition I**

SPAN301 Advanced Grammar and Composition I; (3 credits) Grade Method: REG/P-F/AUD.
Pre- or corequisite: SPAN207. Practice of complex grammatical structures through reading and writing of compositions and essays. Specific lexical, syntactic, rhetorical, and stylistic devices will be highlighted.

0101	Kathryn Taylor	Seats (Total: 20)
	MTuWTh 9:00am - 12:30pm	JMZ 3120

SPAN311 **Advanced Conversation I**

SPAN311 Advanced Conversation I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SPAN204 or SPAN211 or permission of department. Not open to native/fluent speakers of Spanish. Further development of listening and speaking skills in Spanish. Opportunity to develop oral fluency, improve pronunciation and increase vocabulary. Individual and/or group oral presentations.

0101	Maggy Rodriguez	Seats (Total: 18)
	MTuWTh 1:00pm - 4:30pm	JMZ 2122

SPAN399B **Independent Study in Spanish; Cultures of the Contact Zone**
Contact department for information to register for this course.

SPAN448E **Special Topics in Latin American Civilization; Ecuador: Andean Spaces-Traversing the Colonial City and the Natural World**

Contact department for information to register for this course.

SPAN699E **Independent Study in Spanish; Cultures of the Contact Zone**
Contact department for information to register for this course.

SPHL Public Health Winter 2011

SPHL698C **Special Topics in Public Health; Global Health Communication & Promotion**

SPHL698C Special Topics in Public Health: Global Health Communication & Promotion; (3 credits) Grade Method: REG/AUD.
Click here for more information.

0101	Muhiuddin Haider **Meets January 3, 2011 - January 23, 2011** MTuWTh 5:00pm - 8:30pm	Seats (Total: 20) SPH 0301
GH01	Muhiuddin Haider **Meets January 3, 2011 - January 23, 2011** MTuWTh 5:00pm - 8:30pm	Seats (Total: 0) SPH 0301

THET Theatre Winter 2011

THET282 **Stage Makeup**

THET282 Stage Makeup; (3 credits) Grade Method: REG/P-F/AUD.
Credit will be granted for only one of the following: THET182 or THET282. Formerly THET182. Students learn to design and execute character makeup based on research and script analysis. Studying fundamental facial anatomy, the class learns to manipulate light and shadow with makeup to enhance and alter the shape of facial features. Once these techniques are mastered, the class moves on to more complex exercises, including Old Age, Facial Hair, Wounds and Fantasy.

0101	Stephanie Shaw MTuWThF 1:00pm - 4:00pm	Seats (Total: 12) PAC 1703

THET399A **Independent Study; Australian Performance: Theatre, Music and Dance**
Contact department for information to register for this course.

THET499 **Independent Study**

THET499 Independent Study; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET669B **Independent Study; Writing a Publishable Article**

THET669B Independent Study: Writing a Publishable Article; (3 credits) Grade Method: REG/AUD.

0101	Catherine Schuler	Seats (Total: 10)
	MTuWTh 1:00pm - 4:30pm	PAC 2804

THET669P **Independent Study; Dancing on the Page and Stage: Writing for Solo Performance**

THET669P *(PermReq)* **Independent Study: Dancing on the Page and Stage: Writing for Solo Performance; (3 credits)** Grade Method: REG/AUD.

0101	Donna Brown	Seats (Total: 12)
	MTu 9:00am - 4:00pm	PAC 2740

URSP Urban Studies and Planning Winter 2011

URSP688K **Recent Developments in Urban Studies; Urban Design Software**

URSP688K *(PermReq)* **Recent Developments in Urban Studies: Urban Design Software; (3 credits)** Grade Method: REG/AUD.

0101	Jonathan Healey	Seats (Total: 20)
	MTuWTh 7:00pm - 10:15pm	Location: TBA

WINT Winterterm Workshops Winter 2011

WINT002 **Multi-Track Diplomacy and Conflict Transformation**

WINT002 Workshop in Multi-Track Diplomacy and Conflict Transformation; (No CEU'S) Grade Method: NGI.
The course will also meet on Friday, 1/21/11 from 6pm-9:00pm. WINT 003 is strongly recommended as a concurrent course. Click here for more information.

0101	John Davies	Seats (Total: 30)
	MTuWTh 6:00pm - 9:15pm	TYD 1102

WINT003 **Workshop In International Relations and World Policy: Workshop in Citizens' Diplomacy**

WINT003 Workshop In International Relations and World Policy: Workshop in Citizens' Diplomacy; (No CEU'S) Grade Method: NGI.
Two consecutive weekend workshops: January 7-9 and 14-16 (snow days are January 22-23 if needed). WINT 002 is strongly recommended as a concurrent class. Click here for more information.

0101	Edward Kaufman	Seats (Total: 30)
	F 6:00pm - 9:00pm	TYD 1101
	SaSu 9:00am - 1:00pm	TYD 1101
	SaSu 2:00pm - 6:00pm	TYD 1101

WINT012 **Winterterm Study Skills Program**

WINT012 Winterterm Study Skills Program; (No CEU'S) Grade Method: NGI.
Class meets for one week: Jan 10-14. Also offered as EDCP108B.

0101	Beverly Greenfeig	Seats (Total: 100)
	Meets January 10, 2011 - January 14, 2011	
	MTuWThF 9:30am - 12:30pm	LEF 2205

WMST Women's Studies Winter 2011

WMST250 **Introduction to Women's Studies: Women, Art and Culture**

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course.
An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.

WB11	Lara Torsky	Seats (Total: 25)
	Class time/details on ELMs	ONLINE

WMST326 **Biology of Reproduction**

WMST326 Biology of Reproduction; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI105 or permission of department. Also offered as BSCI342. Credit will be granted for only one of the following: WMST326 or BSCI342.* The biology of the reproductive system with emphasis on mammals and, in particular, on human reproduction. Hormone actions, sperm production, ovulation, sexual differentiation, sexual behavior, contraception, pregnancy, lactation, maternal behavior and menopause.

0101	Justicia Opoku-Edusei	Seats (Total: 75)
	MTuWThF 10:00am - 1:00pm	BPS 1250

WMST471 **Women's Health**

WMST471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as HLTH471. Credit will be granted for only one of the following: WMST471 or HLTH471. The women's health movement from the perspective of consumerism and feminism. The physician-patient relationship in the gynecological and other medical settings. The gynecological exam, gynecological problems, contraception, abortion, pregnancy, breast and cervical cancer and surgical procedures. Psychological aspects of gynecological concerns.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	MTuWThF 12:00pm - 3:00pm	SPH 1303

WMST498B **Advanced Special Topics in Women's Studies; Transformation of Korean Society: Gender, Culture and Political Economy**
Contact department for information to register for this course.

WMST498M **Advanced Special Topics in Women's Studies; Women and the Civil Rights Movement**

WMST498M Advanced Special Topics in Women's Studies: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
This course is taught entirely online. Please make sure your email address is listed correctly in Testudo. You may contact the instructor with questions at barkleyb@umd.edu.

WB11	Elsa Barkley Brown	Seats (Total: 40)
	Class time/details on ELMs	ONLINE

WMST498P **Advanced Special Topics in Women's Studies; Gender and Popular Culture**

WMST498P Advanced Special Topics in Women's Studies: Gender and Popular Culture; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jeffrey McCune Jr.	Seats (Total: 25)
	Class time/details on ELMs	ONLINE